

## CURRICULUM VITAE

Poziție propusă în proiect: **Responsabil Tehnic ”Instalații și rețele exterioare de alimentare cu apă și canalizare”**

1. Nume: Zumbreanu
2. Prenume: Mihail
3. Data nașterii: 10.04.1962
4. Naționalitatea: Moldovean
5. Stare civilă: Căsătorit
6. Educație:

Instituție (De la - Până la)	Certificat sau Diplomă obținută:
12.02.2020-12.02.2025 Ministerul Economii și Infrastructurii, Incercom	Certificat de atestare tehnico-profesională în calitate de responsabil tehnic la Instalații și rețele exterioare de alimentare cu apă și canalizare.
23.12.2014 – 23.12.2019 Ministerul Economii și Infrastructurii, Incercom	Certificat de atestare tehnico-profesională în calitate de responsabil tehnic la Instalații și rețele exterioare de alimentare cu apă și canalizare.
29.11.2018-29.11.2023 Ministerul Dezvoltării Regionale și Construcțiilor	Certificat de atestare tehnico-profesională în domeniul construcțiilor civile, industriale și agrozootehnice
11.02.2009 Universitatea Tehnică a Moldovei	Cursuri tematice de perfecționare a responsabililor tehnici în domeniul Tehnologii moderne de asigurare a calității lucrărilor de construcții.
04.10.2006 Universitatea Tehnică a Moldovei	Cursuri tematice de perfecționare a responsabililor tehnici în domeniul Tehnologii moderne de asigurare a calității lucrărilor de construcții.
27.03.1997 Ministerul dezvoltării teritoriilor și gospodăriei comunale	Certificat de atestare tehnico-profesională în construcții civile, industriale și agrozootehnice
1985-1989 Institutul Politehnic din Chișinău	Facultatea Construcții Industriale și Civile
1979-1984 Colegiul de Construcții din Chișinău	Specialitatea Construcții Industriale și Civile



7. Abilități lingvistice: competența de la 1 la 5 (1 - bază; 5 - excelent)

Limbă	Citit	Vorbit	Scris
Română (maternă)	5	5	5
Rusă	5	5	5

8. Membru al organizațiilor profesionale: -

9. Alte însușiri: Cunoașterea legislației în vigoare privind supravegherea tehnică, documentației privind domeniul construcțiilor civile, industriale și agrozootehnice, cât și a rețelelor exterioare de alimentare cu apă și canalizare.

10. Cunoașterea programelor MS-Word, MS-Excel.

11. Poziția prezentă: Responsabil Tehnic în domeniul construcțiilor civile, industriale și agrozootehnice. Responsabil Tehnic în Instalații și rețele exterioare de alimentare cu apă și canalizare.

12. Ani în poziția actuală: 35 ani



## 13. Experiență profesională

De la – până la	Locație	Companie și persoană de referință	Poziție avută	Descrierea sarcinilor
2020- prezent	Chișinău, Moldova	Sigma Engineering SRL Titei Vitalie +373 60 080 405	a. Responsabil Tehnic în Instalații și rețele exterioare de alimentare cu apă și canalizare. b. Responsabil Tehnic în domeniul construcțiilor civile, industriale și agrozootehnice	<ul style="list-style-type: none"> <li>- Responsabil Tehnic la obiectul „Reabilitarea și extinderea sistemului de aprovizionare cu apă și canalizare în orașul Călărași”(Valoarea lucrărilor – 33.174.346,33 MDL)</li> <li>- Responsabil Tehnic la obiectul „Reabilitarea și extinderea sistemului de aprovizionare cu apă și canalizare în orașul Ungheni”(Valoarea lucrărilor – 55.043.682,14 MDL)</li> <li>- Responsabil Tehnic la obiectul „Sporirea eficienței energetice a clădirii Liceului Teoretic „Mihai Eminescu” din mun. Ungheni” (Valoarea lucrărilor - 47.566.651,00 MDL)</li> </ul>
1985 - 2021	Chișinău, Moldova	Primăria Chișinău Direcția Construcții Capitale Gromațchii Igor +373 69 253139	c. Responsabil Tehnic în Instalații și rețele exterioare de alimentare cu apă și canalizare. d. Responsabil Tehnic în domeniul construcțiilor civile, industriale și agrozootehnice	<ul style="list-style-type: none"> <li>- Responsabil Tehnic la construcția apeductului din s. Țințăreni, r. Anenii Noi;</li> <li>- Responsabil Tehnic la fântina arteziană din com. Băcioi, mun. Chișinău;</li> <li>- Responsabil Tehnic la apeductul din str. Drumul Băciolului, Negru Vodă și str. Puhoi din mun. Chișinău;</li> <li>- Responsabil Tehnic la construcția canalizării cu stația de pompare din str. Coftun, mun. Chișinău</li> <li>- Responsabil Tehnic la construcția canalizării din stradela 2 Muncești;</li> <li>- Responsabil Tehnic la construcția canalizării din str. Simion Murafa, mun. Chișinău;</li> <li>- Responsabil Tehnic la construcția canalizării din str. Plaiului, Erhan, Bacu și Hanul Morii din mun. Chișinău;</li> <li>- Responsabil Tehnic la construcția canalizării din str. Ciugureanu, mun. Chișinău;</li> <li>- Responsabil Tehnic la construcția canalizării din str. Plaiului, mun. Chișinău;</li> <li>- Responsabil Tehnic la construcția canalizării din str. Neaga, Științei, Păcii din or. Sîngera, mun. Chișinău;</li> </ul>



				<ul style="list-style-type: none"> <li>- Responsabil Tehnic la reconstrucția colectorului de canalizare sub presiune SPC Costiujeni, or. Codru;</li> <li>- Responsabil tehnic la reabilitarea scării de granit din parcul Valea Morilor, mun. Chișinău;</li> <li>- Responsabil tehnic la construcția școlii din or. Sîngera, mun. Chișinău;</li> <li>- Responsabil tehnic la construcția policlinicii din str. Dokuceaev, mun. Chișinău;</li> <li>- Responsabil tehnic la construcția policlinicii din str. Studenților, mun. Chișinău.</li> </ul>
2018-2019	Criuleni, Moldova	Primăria Criuleni, Republica Moldova Simon Dumitru +373 248 22 585	Responsabil Tehnic în Instalații și rețele exterioare de alimentare cu apă și canalizare.	- Construcția canalizării din sectorul 1 or. Criuleni.
2018-2019	Vadul lui Vodă, Moldova	Primăria Vadul lui Vodă, Republica Moldova Onofriciuc Iurie +373 22 416382	Responsabil Tehnic în Instalații și rețele exterioare de alimentare cu apă și canalizare.	- Reabilitarea stației de canalizare și rețele de canalizare din or. Vadul lui Vodă.
2012	Chișinău, Moldova	PNUD Republica Moldova, Chișinău	Inspector Local	- Reparația capitală a Centrului Medicilor de Familie din s. Molovata, r. Criuleni.
2010	Chișinău, Moldova	Fondul de Investiții Sociale din Moldova Gheorghe Dima +373 693 47982	Responsabil Tehnic în domeniul construcțiilor civile, industriale și agrozootehnice	<ul style="list-style-type: none"> <li>- Schimbarea ferestrelor și ușilor la liceul teoretic "Ion Creangă" din s. Țințăreni, r. Anenii-Noi;</li> <li>- Schimbarea ferestrelor la liceul din s. Gura Bîcului, r. Anenii Noi.</li> </ul>







MINISTERUL EDUCAȚIEI, TINERETULUI ȘI SPORTULUI AL REPUBLICII MOLDOVA

# UNIVERSITATEA TEHNICĂ A MOLDOVEI

CENTRUL DE PERFEȚIONARE ȘI RECALIFICARE A CADRELOR

CENTRUL SPECIALIZAT PENTRU FORMARE PROFESIONALĂ

CONTINUĂ ÎN CONSTRUCȚII

## CERTIFICAT nr. 0745

Prin prezentul se confirmă că dl *Zumbrean Mihail*  
a urmat și a absolvit cu succes cursurile tematice de perfecționare a responsabililor tehnici  
în domeniul "*Tehnologii moderne de asigurare a calității lucrărilor de construcție*"  
în volum de 50 ore.

Data eliberării: 04 octombrie 2006

Decan F.C.G.C.  
V. Toporeț

Director C.S.F.P.C.C.  
V. Scalnăi

Prorector  
V. Amariei



CERTIFICAT



<i>Date</i>	June 2017 – June 2021
<i>Employer</i>	Sustainable Development Account Moldova (MCA-Moldova successor)
<i>Position</i>	Infrastructure expert

<i>Date</i>	October 2016 – April 2017
<i>Employer</i>	SWS Consulting Engineering (Italy)
<i>Position</i>	Proposal Manager (CIS Countries)

<i>Date</i>	February 2016 – May 2017
<i>Employer</i>	Sustainable Development Account Moldova (MCA-Moldova successor)
<i>Position</i>	Engineer

<i>Date</i>	October 2015 – February 2016
<i>Employer</i>	IMPRESSA PIZZAROTTI & C.S.P.A (Italy)
<i>Position</i>	Engineer, Technical office

<i>Date</i>	February 2014 – October 2015
<i>Employer</i>	EGIS EAU (France)
<i>Position</i>	Supervision Project Manager Technical Assistant

<i>Date</i>	September 2012 – January 2014
<i>Employer</i>	SWS/Hydea/TCD JV
<i>Position</i>	Supervision Deputy Team Leader

<i>Date</i>	September 2010 – December 2015
<i>Employer</i>	INCP “URBANPROIECT”
<i>Position</i>	Civil and Structural Engineer

<i>Date</i>	September 2009 – June 2011 (part time)
<i>Employer</i>	Technical University of Moldova
<i>Position</i>	Assistant lecturer

<i>Date</i>	July 2009 – August 2010
<i>Employer</i>	“AXIS MUNDI” SRL.
<i>Position</i>	Structural Engineer

#### 10. Detailed Task Assignment

<i>Detailed Tasks Assigned</i>	<i>Work Undertaken that Best Illustrates Capability to Handle the Tasks Assigned</i>
<u>Recent Activities</u>	<p><b>Name of project:</b> Chisinau Solid Waste Management Project</p> <p><b>Year:</b> July 2021 – present (part time)</p> <p><b>Location:</b> Chisinau</p> <p><b>Employer:</b> Municipal Enterprise “Regia Autosalubritate”, through Project Coordination and Implementation Unit</p> <p><b>Beneficiary:</b> Municipal Enterprise “Regia Autosalubritate”</p> <p><b>Investor:</b> EBRD, EIB</p> <p><b>Positions held:</b> Technical Expert in Civil Engineering</p> <p><b>Activities Performed:</b> Solve technical issues, ensure that all needed permits and licenses are in place, monitor design and works progress, participate in meetings and site visits, participate in drafting tender documents, verification of payment certificates, support in drafting and issuance of customs and tax procedures ex-</p>





emption letters, present to the Beneficiary and Municipality status of project from technical point of view, draft technical of PCIU reports.

**Name of project:** Water supply and sanitation in Moldova center (2 towns and 80 villages). Detailed design of the Main Transmission Pipe Chisinau-Straseni-Calarasi (cca. 50 km) and adjacent water supply infrastructure (Pumping stations, re-chlorination plants, reservoirs and elevated water towers)

**Year:** November 2020 – present

**Location:** Chisinau-Straseni-Calarasi

**Client:** CES Consulting Engineers Salzgitter GmbH (Germany)

**Beneficiary:** RDA Center

**Investor:** KFW German Development Bank

**Main project features:** Revise and adapt the detailed design compartments for sludge pyrolysis facility

**Positions held:** Representative of local designer

**Activities Performed:** Act as point of contact of local design team, coordinate with the Client applied design solutions, participate in progress and technical meetings, assign tasks to local design team, ensure documents and information flow between the involved design specialists.

**Name of project:** Adaptation of detailed design for sludge treatment facility by the pyrolysis method

**Year:** November 2020 – March 2021

**Location:** Chisinau

**Client:** ECOS LLC (Russian Federation)

**Beneficiary/ Investor:** Municipal Enterprise “Apa-Canal Chisinau”

**Main project features:** Revise and adapt the detailed design compartments for sludge pyrolysis facility

**Positions held:** Local design team leader

**Activities Performed:** Take over design drawings from the Client, assign tasks to local design team, design management including review of the design documentation and cost estimates, ensure documents and information flow between the involved design specialists, organize meetings with local and Client’s design teams, coordinate with the Client design solutions and as needed recommend design modifications, participate in meetings with the local authorities for the promotion of the technology implemented for the first time in Republic of Moldova.

**Name of project:** Feasibility study for ensuring protection against field collapse in the perimeter of underground mine excavations of J.S. "Mina din Chisinau" with the development of the alternative source of drinking water supply of the inhabitants of Chisinau city.

**Year:** September 2020 – February 2021

**Location:** Chisinau City

**Client/Beneficiary/Investor:** JS "Mina din Chisinau" (Chisinau Municipality)

**Main project features:** Investigate current technical state of the mine infrastructure and existing pumping stations, identify solutions to deliver water to Chisinau Water Treatment Plant, collect financial and economic data, develop pumping concept concept and evaluate feasibility of the investment.

**Positions held:** Team leader

**Activities Performed:** Organize activities in frame of the project team, perform site visits and survey, participate in the meetings with the representatives of the beneficiary, elaborate study compartments (current technical state, investment description), establish and coordinate proposed scenarios with the beneficiary’s representatives, and review of the final Feasibility Study report.

**Name of project:** Adaptation of detailed design Chisinau Waste Water Treatment Plant – Detailed design of water supply and sewerage, heating and gas networks (**FIDIC Yellow book**)

**Year:** December 2019 – July 2020



**Location:** Chisinau  
**Client:** Ludwig Pfeiffer GmbH – Project contractor,  
**Beneficiary:** Municipal Enterprise “Apa-Canal Chisinau”  
**Investor:** EBRD, EIB  
**Main project features:** Elaboration of Detailed design of water supply and sewerage, heating and gas networks  
**Positions held:** Design Project Manager.  
**Activities Performed:** Contract management, design management including review of the design documentation and cost estimates, ensure documents and information flow between the involved design specialists, coordinate with the Beneficiary design solutions and as needed recommend design modifications, perform author supervision of the construction works.

**Name of project:** Feasibility study for renovation of the block for premature babies part of the institute of the mother and child, as well as the provision of medical equipment  
**Year:** December 2019 – February 2019  
**Location:** Chisinau City  
**Client/Beneficiary/Investor:** Institute of the mother and child  
**Main project features:** Investigate current technical state of the block for premature babies, collect financial and economic data, perform reconstruction concept and evaluate feasibility of the investment.  
**Positions held:** Project manager  
**Activities Performed:** Organize activities in frame of the project team, perform site visits and survey, participate in the meetings with the representatives of the beneficiary, elaborate several study compartments (current technical state, investment description), establish and coordinate reconstruction scenarios with the beneficiary’s representatives, and review of the final Feasibility Study report.

**Name of project:** Detailed design for rehabilitation of municipal priority water network (11,7 km) **(FIDIC Red book MDB harmonized)**  
**Year:** June 2019 – October 2019  
**Location:** Chisinau  
**Client:** Ocide Construcción (Spain) – Project contractor,  
**Beneficiary:** Municipal Enterprise “Apa-Canal Chisinau”  
**Investor:** EBRD, EIB  
**Main project features:** Elaboration of the Detailed Design  
**Positions held:** Design Engineer. (Civil, Water and Sanitation Engineer)  
**Activities Performed:** Contract management; design management including review of the design documentation and cost estimates, ensure documents and information flow between the involved design specialists, coordinate with the Beneficiary design solutions and as needed recommend design modifications.

**Name of project:** Technical assessment of the main Waste Water Pumping Station (WWPS) structures in Hincesti town  
**Year:** February 2019 – March 2019  
**Location:** Hincesti town  
**Client:** GEOTest S.A (Czech Republic)  
**Beneficiary:** “Operator Regional Apa-Canal Hincesti” S.A.  
**Investor:** Czech Development Agency  
**Main project features:** Technical expertise of the technical condition of main waste water pumping station structures in Hincesti town  
**Positions held:** Technical expert assistant.  
**Activities Performed:** Site visit and assisting during technical assessment of the main WWPS structures, considering additional foreseen load from the new mechanical equipment to be installed (automatic screens, overhead hoist, valves, etc.); technical assessment of whole bearing and finishing elements; drafting the technical expertise report; translation of the technical report into Romanian and



	<p>English.</p> <p><b>Name of project:</b> Adaptation of detailed design Chisinau Waste Water Treatment Plant – Process compartment (<b>FIDIC Yellow book</b>)</p> <p><b>Year:</b> September 2018 – January 2020</p> <p><b>Location:</b> Chisinau</p> <p><b>Client:</b> PASSAVANT Energy &amp; Environment (Germany)– Project contractor,</p> <p><b>Beneficiary:</b> Municipal Enterprise “Apa-Canal Chisinau”</p> <p><b>Investor:</b> EBRD, EIB</p> <p><b>Main project features:</b> Adaptation to local norms and regulations of the process compartment detailed design</p> <p><b>Positions held:</b> <u>Design Project Manager.</u></p> <p><b>Activities Performed:</b> Contract management; perform hydraulic modelling, design management including review of the design documentation and cost estimates, ensure documents and information flow between the involved design specialists, coordinate with the Beneficiary design solutions and as needed recommend design modifications, perform author supervision of the construction works.</p> <hr/> <p><b>Name of project:</b> Detailed design of municipal water supply networks (56 km) (<b>FIDIC Red book MDB harmonized</b>)</p> <p><b>Year:</b> April 2018 – June 2019</p> <p><b>Location:</b> Chisinau</p> <p><b>Client:</b> SADE CGTH (France) – Project contractor,</p> <p><b>Beneficiary:</b> Municipal Enterprise “Apa-Canal Chisinau”</p> <p><b>Investor:</b> EBRD, EIB</p> <p><b>Main project features:</b> Elaboration of the Detailed Design</p> <p><b>Positions held:</b> <u>Design Engineer.</u> (Civil, Water and Sanitation Engineer)</p> <p><b>Activities Performed:</b> Contract management; design management including review of the design documentation and cost estimates, ensure documents and information flow between the involved design specialists, coordinate with the Beneficiary design solutions and as needed recommend design modifications.</p> <hr/> <p><b>Name of project:</b> Detailed design of buildings complex for installation of two decanter-centrifuges for primary sludge dewatering at the Chisinau Waste Water Treatment Plant. (Q=800m<sup>3</sup>/day)</p> <p><b>Year:</b> January 2018 – April 2018</p> <p><b>Location:</b> Chisinau</p> <p><b>Client:</b> Municipal Enterprise “Apa-Canal Chisinau”</p> <p><b>Investor:</b> Municipal Enterprise “Apa-Canal Chisinau”</p> <p><b>Main project features:</b> Elaboration of the Detailed Design</p> <p><b>Positions held:</b> <u>Chief Engineer of the Project.</u> (Civil, Water and Sanitation Engineer)</p> <p><b>Activities Performed:</b> Contract management; perform hydraulic modelling, design management including review of the design documentation and cost estimates, ensure documents and information flow between the involved design specialists, coordinate with the Beneficiary design solutions and as needed recommend design modifications.</p>
<p><b>Other relevant activities:</b></p>	<p><b>Name of Employer:</b> Sustainable Development Account Moldova (MCA-Moldova successor)</p> <p><b>Year:</b> June 2017 – present (part time)</p> <p><b>Location:</b> Chisinau, Republic of Moldova.</p> <p><b>Positions held:</b> <u>Infrastructure Expert</u></p> <p><b>Activities performed:</b></p> <p>Act as point of contact, contract manager and administrator for the works contractors, supervision engineer contract and other infrastructure consultants’ contracts, being directly responsible for the following specific assignment:</p> <p>a) <u>on Contracts Management:</u></p>



- Monitor and report on the physical and financial progress of works and services undertaken by the Works Contractors, Design Consultants and Infrastructure Activity Consultants;
  - Monitor and supervise Design Consultant's activities, status of the design services and compliance of the deliverables with the quality in construction law and design norms and regulations in force.
  - Ensure that Supervision Engineer provides full details of the physical and financial progress and quality of works carried out by each Contractor on a monthly basis in a timely and meaningful manner;
  - Ensure that the interim payment certificates (IPCs) approved by the Supervision Engineer accurately reflect the physical works completed;
  - Review the status of all required construction and environmental permits, including a periodic status update as a component of the reporting requirements;
  - Receive from the Supervision Engineer proposed unit rates for the new items of works in construction contracts, review and make recommendations to the SDA-Moldova regarding approval or disapproval of rates;
  - Anticipate claims that may be submitted by Contractors related to works executed under Infrastructure Investment Activity and review recommendations prepared by the Supervision Engineer regarding potential or actual claims submitted by the Works Contractors. Analyse and make recommendations for an action plan needed in order to avoid potential claims and for their timely and effective resolutions when such claims are submitted;
  - Attend meetings between Supervision Engineer, Design Consultants and Contractors and actively participate and present the institution stand point;
- b) on Contracts Administration:
- Review the contracts amendments proposed by the Design Consultants, Contractors, Supervision Engineer or by other infrastructure consultants that are under administration and come with recommendations and suggestions;
  - Support the institution in resolutions of contracts disputes linked to claims and variations; in contract closure procedures; in actions to suspend or terminate contracts (including drafting of necessary justifications);
  - Review the procurement proposals;
  - Prepare on regular base, the reports or evaluation on past performance of the Contractors and Infrastructure Consultants;
- c) on Technical aspects:
- Perform hydraulic modelling and revise the Detailed Designs in order to ensure that the efficiency of the designed systems is within the expected limits.
  - Elaborate TOR, Technical Specification and Schedules of Requirements;
  - Organize trainings and seminars to beneficiaries of the rehabilitated infrastructure.

**Name of Employer:** SWS Consulting Engineering, Italy

**Year:** October 2016 – April 2017 (part time)

**Location:** CIS Countries.

**Positions held:** Proposal Manager

**Activities performed:**

Prepare the technical and financial proposals for various tenders in CIS region; Prepare Expressions of Interest (EOI) for various projects announced to be launched in the CIS region; Contact local companies in the CIS region to establish collaboration relations in the project published in the region; Translate technical/financial proposals and EOIs from English to Russian and vice versa; Other activities related internal company management.

**Name of Employer:** Sustainable Development Account Moldova (MCA-Moldova successor)

**Year:** February 2016 – May 2017



	<p><b>Location:</b> Chisinau, Republic of Moldova.</p> <p><b>Positions held:</b> <u>Irrigation Engineer</u></p> <p><b>Activities performed:</b></p> <p><u>Design:</u> design management including review of the design documentation and cost estimates, perform hydraulic modelling to identify errors and/or possibilities for value-engineering, in coordination with Water Users Associations and State Agency for Water Management of Moldova, as needed recommend design modifications;</p> <p><u>Procurement:</u> providing technical quality assurance for tender documents including Invitation for Bids (IFBs) for works and Request for Proposal (RPFs) for consultants to be procured pertaining the infrastructure investment activities performed by the institution. Participation in evaluation panels to review the works bids, consultants' proposals in accordance with the qualification, evaluation and award criteria set out in the bidding documents;</p> <p><u>Construction:</u> performing contract management and administration including both construction supervision and works contracts on both the technical and administrative aspects; <b>(FIDIC Red book)</b></p> <p><u>Post-Construction operations:</u> Follow-up on activities typical for defect notification period; close-out of the works contracts; supervision engineer services during the Defect Notification Period, implementation of the operation and maintenance plan.</p> <hr/> <p><b>Name of project:</b> Rehabilitation of R16 Balti-Falesti-Sculeni Road km 4+800 to km 59+480 <b>(FIDIC Red book)</b></p> <p><b>Year:</b> October 2015 – February 2016</p> <p><b>Location:</b> Balti town</p> <p><b>Employer:</b> Impresa Pizzarotti &amp; C S.P.A (Italy)</p> <p><b>Client:</b> The State Road Administration of Republic of Moldova</p> <p><b>Investor:</b> EBRD, EIB</p> <p><b>Main project features:</b> Construction/Rehabilitation of R16 Road in Republic of Moldova</p> <p><b>Positions held:</b> <u>Engineer, Technical office</u></p> <p><b>Activities Performed:</b> Contract management (FIDIC red book); drafting official letters addressed to the Engineer and to the Client; monitoring, organization and drafting of the official submittals; organization of the technical team; make the link between the technical office and administrative office; preparation of the technical documentation for further attention of the Engineer and Employer; analysis of the design, technical specifications and contract provisions; supervision of works; ensure compliance of the construction works with the drawings developed; monitoring compliance with the legislation in the construction process, documents that must be prepared in accordance with the construction normative and regulations.</p>
<p><b>Supervision activities:</b></p>	<p><b>Name of project:</b> Supervision of Construction Works for the Rehabilitation of Centralized Irrigation Systems in Republic of Moldova <b>(FIDIC Red book)</b></p> <p><b>Year:</b> February 2014 – October 2015</p> <p><b>Location:</b> Criuleni town, Lopatna, Puhaceni, Roscani, Cosnita, Blindesti, Grozesti, Leova, Chircani-Zirnesti villages, Republic of Moldova.</p> <p><b>Employer:</b> Egis Eau (France)</p> <p><b>Client:</b> MCA Moldova</p> <p><b>Investor:</b> Millennium Challenge Corporation (MCC)</p> <p><b>Main project features:</b> Supervision of Rehabilitation of Centralized Irrigation Systems in Republic of Moldova</p> <p><b>Positions held:</b> <u>Project Manager Technical Assistant</u></p> <p><b>Activities Performed:</b> Review the design drawings, identify bottlenecks and propose measures to optimize the system efficiency and construction technology; Redo the hydraulic models in order to check reliability of the proposed design</p>



	<p>solutions; Contract management (FIDIC red book); prepare monthly reports; Daily contact with local site engineers; Review and update the actual versus planned progress; Ensure compliance of the construction works with the drawings developed; Analysis of the method statements of how the works will be performed; Monitoring compliance with the legislation in the construction process, documents that must be prepared in accordance with the construction norms and regulations; Analysis of variations proposed due to changes or unforeseen works; Inform Project Manager about issues that have occurred in the construction process; Weekly recording and preparation of the minutes of meeting.</p> <p><b>Name of project:</b> Supervision of construction works in 23 rural localities and 3 towns in Republic of Moldova (<b>WB Contract</b>)  <b>Year:</b> September 2012 – January 2014  <b>Location:</b> Cahul, Ungheni and Causeni towns, Republic of Moldova. Bestemac, Valeni, Colibasi, Pirita, Sarata Noua, Navirnet, Zahorna, Sanatauca, Dubasarii Vechi villages, Republic of Moldova.  <b>Employer:</b> SWS/Hydea/TCD JV  <b>Client:</b> Water Supply and Sanitation Projects Implementation Unit  <b>Investor:</b> World Bank  <b>Main project features:</b> Supervision of construction of water supply systems  <b>Positions held:</b> <u>Supervision Deputy Team Leader</u>  <b>Activities Performed:</b> Contract management (WB contract); Prepare monthly reports and draft progress report; Daily contact with local supervisors; Site visits, quality and quantity control of the works, Review and update the actual versus planned progress and the project schedule to monitor the works; Ensure compliance of the construction works with the drawings developed; Review the design drawings, identify bottlenecks and propose measures to optimize the system efficiency and construction technology; Redo the hydraulic models in order to check reliability of the proposed design solutions; Monitoring compliance with the legislation in the construction process, documents that must be prepared in accordance with the construction normative and regulations; Analysis of payment certificates at the end of month; Analysis of variations proposed due to changes in as-built drawings or unforeseen works; Inform Client about issues that have occurred in the construction process.</p>
<p><b>Other design activities:</b></p>	<p><b>Name of project:</b> Construction of 1 store and 2 warehouses for storing phytosanitary products and fertilizers.  <b>Year:</b> 2017  <b>Location:</b> Straseni, Chisinaului street  <b>Client:</b> DIAZCHIM S.R.L.  <b>Main project features:</b> Developing design of 1 store and 2 warehouses  <b>Positions held:</b> <u>Civil, Water and Sanitation Engineer</u>  <b>Activities Performed:</b> Hydraulic modeling; Elaboration of water supply and sewerage design drawings (internal and external networks); Calculation of the structure resistance, dimensioning of the foundations and of structural elements (columns, beams); Developed the detailed design drawings in compliance with construction norms;</p> <p><b>Name of project:</b> Construction of production hall. Wheat mill with storage silos.  <b>Year:</b> 2016  <b>Location:</b> Hincesti, Carpineni village  <b>Client:</b> SCHOENI COMPANY S.R.L.  <b>Main project features:</b> Developing design of production hall  <b>Positions held:</b> <u>Structural Engineer</u>  <b>Activities Performed:</b> Adopted the structure scheme (calculation model); Calculation of the structure strength, dimensioning of the foundations and reinforcement of structural elements (columns, beams); Developed the detailed design drawings in compliance with construction norms; Provided support to the Client to receive all necessary authorizations for Construction; Performed field checks of project site; Ensured compliance of the construction works with the</p>



drawings developed; Prepared, maintained and organized inspection reports and records; Controlled and recorded all variations from design drawings or specifications.

**Name of project:** Construction of agricultural warehouse with offices. Height regime – Basement, Ground Floor and 2 Floors

**Year:** 2013

**Location:** Chisinau, Stauceni Commune, Bucovinei street

**Client:** CERMICOM S.R.L.

**Main project features:** Developing design of agricultural warehouse with offices

**Positions held:** Structural Engineer

**Activities Performed:** Adopted the structure scheme (calculation model); Calculation of the structure strength, dimensioning of the foundations and reinforcement of structural elements (columns, beams); Developed the detailed design drawings in compliance with construction norms; Provided support to the Client to receive all necessary authorizations for Construction; Performed field checks of project site; Ensured compliance of the construction works with the drawings developed; Interpreted building plans, regulations and codes of practice in order to direct the progress of work and monitor compliance with construction documents; Prepared, maintained and organized inspection reports and records; Draw up detailed programs for site works and coordination of workers; Controlled and recorded all variations from design drawings or specifications.

**Name of project:** Construction of Agri-Food Centre. Block 20: Unit for production of the polypropylene packaging.

**Year:** 2012

**Location:** Chisinau, Balcani street

**Client:** Ministry of Agriculture and Rural Development

**Main project features:** Developing design of industrial hall

**Positions held:** Structural Engineer

**Activities Performed:** Adopted the structure scheme (calculation model); Calculation of the structure strength, dimensioning of the foundations and of structural elements (columns, pillars); Developed the detailed design drawings in compliance with construction norms; Provided support to the Client to receive all necessary authorizations for Construction.

**Name of project:** Construction of residential building with 5 floors on 16 Mircea cel Batrin Street.

**Year:** 2012

**Location:** Cahul, Moldova

**Client:** Cavciuc A.

**Main project features:** Developing design of residential building

**Positions held:** Structural Engineer

**Activities performed:** Calculation of the structure strength, performed field checks of project sites; ensure compliance of the construction works with the drawings developed; interpret building plans, regulations and codes of practice in order to direct the Progress of work and monitor compliance with construction documents; Prepared, maintained and organized inspection reports and records; Draw up detailed programs for site works and the coordination of building workers, and recorded variations from design drawings or specifications.

**Name of project:** Reconstruction of existing building “Youth Center”, Pascani village.

**Year:** 2010

**Location:** Pascani village, Moldova

**Client:** Pascani Mayor office

**Main project features:** Developing design of “Youth Center”

**Positions held:** Structural Engineer

**Activities Performed:** Calculation of the structure strength, performed field



	checks of project sites; Ensure compliance of the construction works with the drawings developed; Interpreted building plans, regulations and codes of practice in order to direct the Progress of work and monitor compliance with construction documents; Prepared, maintained and organized inspections reports and records; Draw up detailed programs for site works and the coordination of building workers, and record variations from design drawings or specifications.
--	----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------

**Certification:**

I, the undersigned, certify that to the best of my knowledge and belief, this CV correctly describes myself, my qualifications, and my experience. I understand that any willful misstatement described herein may lead to my disqualification or dismissal, if engaged.

