


Dumitru Scutaru

System Architect/Senior developer

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 Criuleni, Moldova

 03 March 1982

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## LANGUAGE(S)

**Romanian** mother language

**English** ●●●●●

**Russian** ●●●●●

**French** ●●●●●

## EDUCATION AND TRAINING

**05.2017** Certified in PHP 5.6  
Brainbench

**09.2001 – 06.2005** Licentiate in Computer Science  
Moldova State University, field of training  
Computer Science

## PROFESSIONAL SKILLS

### Programming languages:

- Creating websites using the frameworks based on PHP, Drupal 7 and Drupal 8;
- Solid knowledge of HTML5, XML, XSLT, CSS3, JavaScript (ES5 and ES6+);
- AJAX, jQuery UI, IIS 6/7, CSS pre-processors (SASS, Less, Stylus);
- OOP;
- JavaScript frameworks and libraries such as React, Redux, Angular, Vue;
- Experience in JavaScript build tools (Browserify, WebPack, Grunt, Gulp);
- Experience in the advanced data base development (MySQL, PostgreSQL database), storage procedures, interrogations optimization, index techniques;
- Client-server architecture knowledge;
- Code writing and testing skills;
- WinForms, WebForms.

### Solid knowledge of the tools:

- Microsoft Office Tools;
- Microsoft Visual Studio, SQL Server Reporting Services, SQL Server Management Studio;
- Oracle Developer Tools;
- Microsoft Azure Portal;
- SQL Server Business Intelligence Development Studio.

### Methodologies:

- Agile, Scrum, eXtreme Programming, WSDM - Web Site Design Method;
- Experience in practicing the method PRO-INCLUSIV

### Other skills

- Design of the relational database structures, development of databases processing applications.

## WORK EXPERIENCE

2014 – Present

### System Architect / Senior developer

Indrivo SRL

81/1 Alexei Sciusev str., Chisinau (Moldova)

[www.indrivo.com](http://www.indrivo.com)

#### *Main activities and responsibilities as a System Architect:*

- Ensures alignment of IT strategy and planning with Department goals;
- Develops policies and guidelines for customer support services and manage special projects related to the delivery of IT services;
- Plans for the installation and implementation of new systems and system upgrades;
- Leads teams to respond to customer service problems resulting from catastrophic events;
- Consults with experts to develop integrated action plans and issue technical bulletins with implementation instructions;
- Develops specifications for user instruction manuals based on customers' needs;
- Serves as technical authority for new or enhanced information systems software;
- Oversees or coordinates the preparation of testing and implementation plans;
- Oversees the migration of systems to the production environment and monitor systems for stability, accuracy and performance;
- Coordinates the common use of core software across multiple platforms and the troubleshooting procedures for related applications;
- Performs feasibility studies in order to develop information systems that meet customer requirements;
- Serves as senior expert on the application of system architecture modeling tools in the architectural planning process;
- Manages network rights and agency.

**Project:** Development of SELIA.md marketplace

**Position under the project:** System Architect / Senior developer

**Implementation period:** February 2020 – September 2020

#### **Project description:**

With over 25 categories, 280 sub-categories and over 50 brands, Selia is becoming one of the fastest-growing marketplaces in Moldova. The marketplace sells products across an extensive range of categories, from electronics, smartphones & gadgets, to children's accessories, fashion, home & garden and many more.

**Main technologies:** Drupal 9, PHP, HTML 5, jQuery, Apache.

**Project:** eLearning and Workflow Management Platform

**Position under the project:** System Architect / Senior developer

**Implementation period:** October 2018 – January 2020

#### **Project description:**

The workflow management platform of the Institute of Financial Studies is an IT solution that will enable the efficiency and modernization of the activities carried out within the institution.

**Main technologies:** Drupal 8, Opigno LMS, php7.1, MySQL, Apache, UML, Yml (psr4), git, drush.

**Project:** Casino Luxembourg - the place to promote modern art and explore current events and exhibitions

**Position under the project:** System Architect / Senior developer

**Implementation period:** June 2018 – October 2018

**Project description:**

Casino Luxembourg, being a web platform, required to ensure a new, fresher, user-friendly navigation design for their website, development and optimization of a ticketing tool that provides the possibility for managing tickets, books, publications or office supplies sales. For inventory and sales records, it was necessary to link the beneficiary's accounting tool to the new platform. We also aimed to create an events calendar, develop a data collection instrument and establish interconnection with the ProSys Sage BOB 50 accounting system.

**Main technologies:** PHP7, Drupal8, Drupal Commerce, JQuery, Twig, MySQL.

**Project:** Moldova's first citizen driven website for reporting corruption  
[www.faracoruptie.md](http://www.faracoruptie.md)

**Position under the project:** System Architect / Senior developer

**Implementation period:** December 2018 – April 2019

**Project description:**

The goal was to develop and design an interactive website to encourage citizens' participation in the fight against corruption in Moldova. The platform aims at transform Moldova into a corruption-free society, provide information about different aspects of corruption, enable the users to advance their knowledge on corruption from different perspectives and provide the users with the opportunity to report corruption-prone procedures and everyday life situations.

**Main technologies:** Drupal 8, PHP 7.2, TWIG, HTML, JQuery, CSS 3 (preprocess SCSS, compiled by GULP).

**Project:** Development of intranet system for report generation "SES Eaux"

**Position under the project:** System Architect / Senior developer

**Implementation period:** January 2019 – June 2019

**Project description:**

SES Eaux is an organization that monitors the water usage/production for Luxembourg's south region. It includes communes that adhered to it and has 2 big Elevation stations (Koerich + Dondelange) and 1 Reservoir (Rebiorg).

**Main technologies:** PHP7, Drupal8, JQuery, Twig, MySQL, Implement mechanisms for personal data protection, Data Mining.

**Project:** Maintenance and development of the NBM website

**Position under the project:** Developer PHP

**Implementation period:** July 2017 – July 2018

**Project description:**

The official website of the National Bank of Moldova is developed to provide access to the wide public to reliable and operative information on the NBM activity and situation in the banking system of the Republic of Moldova. It is considered to be one of the basic tools that ensures communication with stakeholders, respectively, contributes to defining the image of NBM abroad.

**Main technologies:** Drupal, Apache, php 5.6, HTML5, MySQL Oracle, Ajax, XML, JavaScript, CSS.

**Project:** Modification and development services for Integrated Case Management System (ICMS), to Electronic Judicial Statistics Module (EJSM) and Performance Dashboard (PD).

**Position under the project:** System Architect

**Implementation period:** April 2015 – August 2015

**Project description:**

The full automation of the courts through the Integrated Case Management System (ICMS) and the court hearing record system „SRS Femida”, aimed to increase significantly the efficiency and effectiveness of the justice process. By implementing the process of automation, the judicial activity became more transparent, thus, the citizens' access to the justice process was simplified.

**Main technologies:** Drupal, Mysql, Php, Ajax, XML, HTML, JavaScript, jQuery, CSS, ASP.NET MVC, C#, AJAX, RAZOR View Engine, SQL Server.

**Project:** The web report card as part of the Integrated Case Management System (ICMS)

**Position under the project:** System Architect

**Implementation period:** November 2015 – February 2016

**Project description:**

As part of this project, the main target was to implement a better vision on the necessity to modify the ICMS, both in terms of legislative requirements and those of the users and of the Superior Council of Magistracy, to identify solutions for an effective implementation, so that the ICMS responds optimally to these requirements.

**Main technologies:** Drupal, Mysql, Php, Ajax, XML, HTML, JavaScript, jQuery, CSS.

**Project:** Informational System E-File within Integrated Courts Management System (ICMS) and its extension with new functionalities

**Position under the project:** System Architect

**Implementation period:** September 2016 – September 2018

**Project description:**

E-File Information System (IS E-File) is an IT solution aimed on immediate benefits and impact on the Courts activity. It is an IT solution for: Government to Government (G4G), Government for Citizens (G4C) and is aimed to satisfy the informatic and informational needs of the justice process actors.

**Main technologies:** Drupal, Mysql, Php, Ajax, XML, HTML, JavaScript, jQuery, CSS, ASP.NET, MVC, C#, AJAX, RAZOR View Engine, SQL Server.

**Project:** E-learning system for the Border Police of the Republic of Moldova

**Position under the project:** System Architect

**Implementation period:** July 2017 – December 2017

**Project description:**

The objective of the e-learning system consists of coherent and efficient support of the Border Police Department of the Ministry of Internal Affairs (hereafter BPD), in order to implement the online learning tool, as a support for personnel training. The e-learning system manages various electronic educational resources, allowing them to be modified and organized by the BPD personnel.

**Main technologies:** ILIAS, Apache, MySQL, PHP, PEAR, Ajax, XML, HTML, JavaScript, CSS.

**Project:** Development of the "E- Admission" Information System for the National Institute of Justice (NIJ)

**Position under the project:** System Architect

**Implementation period:** June 2014 – September 2016

**Project description:**

The development and improvement of the information system of the National Institute of Justice (NIJ) is a response to the need identified by the top management of the National Institute of Justice (NIJ) in order to modernize this tool and make it better serve its users. Under the project "Strengthening the technical capacities of national institutions for protection and promotion of the human rights", implemented by the United Nations Development Program (UNDP), with support of the Ministry of Foreign Affairs of Denmark, the National Institute of Justice is the strategic partner and key beneficiary.

**Main technologies:** Ilias, Drupal, Mysql, Php, Ajax, XML, HTML, JavaScript, jQuery, CSS, Apache SOLR.

**Project:** GIN - News Management Information System (Global Internet News, GIN)

**Position under the project:** System Architect

**Implementation period:** 2016 – present

**Project description:**

GIN is a cloud-based web application designed to meet the operational needs of the global journalist community, who are accredited members of the NewsTeam community (NTC). This web solution includes a new editorial system - Enterprise Resource Planning (ERP) that includes news production, distribution and financial system regarding the the internal control of income/costs.

**Main technologies:** Drupal, Mysql, Php, Ajax, XML, HTML, JavaScript, jQuery, CSS, Apache SOLR.

**Project:** E-Learning Web Platform for School Inspectorate of Alba County

**Position under the project:** System Architect

**Implementation period:** October 2015 – December 2015

**Project description:**

The main object of the contract was to develop an e-learning platform, mainly, for management of pupils' contests (target group - 15,000 pupils). Contests were conducted through a web platform that represents a combination of learning and games. Learning and evaluation materials were delivered to the pupils in game form, organized by levels and sublevels.

**Main technologies:** Mysql, Php, Ajax, XML, HTML, JavaScript, jQuery, CSS, LMS ILIAS

**Project:** Development and maintenance of the Integrated Enhanced Registers System (IERS) within the National Institute of Public Health (NIPH), Romania

**Position under the project:** System Architect

**Implementation period:** January 2016 – July 2016

**Project description:**

NIPH is one of the top institutions of Romania that provides technical assistance to the Ministry of Health on issues of control of communicable and chronic diseases, promotion of health and disease prevention. The NIPH has a key-role in surveillance of chronic and communicable diseases. The institution has the necessary research capacity and a large experience in collaborating with other national health institutions, with county health authorities, with various health service providers in different fields.

**Main technologies:** Drupal, Mysql, Php, Ajax, XML, HTML, JavaScript, jQuery, CSS, MS SQL Server, Apache SOLR.

**Project:** Development of Web Integrated Platform for International Federation of Photographic Art (FIAP), Luxembourg

**Position under the project:** System Architect

**Implementation period:** January 2015 – present

**Project description:**

Photography clubs and associations worldwide join the FIAP, pay a yearly membership and are authorized to make photography national contests supported by this federation. The project aim was to develop a complex web platform in order to manage all workflows, starting with registration of the organizations in the system to management of contests, including on-line store that sells awards/medals and related items, and their delivery.

**Main technologies:** Drupal, Mysql, Php, Ajax, XML, HTML, JavaScript, jQuery, CSS, SQL Server.

**Project:** Development of the Automated Information System for the Evidence of Refugees in the Republic of Moldova

**Position under the project:** System Architect

**Implementation period:** June 2014 – September 2016

**Project description:**

The Automated Refugee Information System of the Republic of Moldova provides management of the refugee's data. For each refugee, in the system will be created a personal profile sheet, also, it will allow to add information about refugee's education. When a refugee is employed, the system will allow collecting information about refugee's previous job experience.

**Main technologies:** Drupal, Mysql, Php, Ajax, XML, HTML, JavaScript, jQuery, CSS, SQL Server.

2013 – 2014

System Architect and Web Developer

Informator SRL

Pelivan Ion 32/1, Chisinau (Moldova)

*Main activities and responsibilities as a System Architect:*

- Designing architectural solutions for web pages in compliance with standards, modern design methodologies and development of IT solutions;
- Developing the concept of implementation of IT specification;
- Physical design of the information system, such as the structure of data collections, program and modules processing;
- Describing the interfaces of processing and drafting technical specification of the communication architecture;
- Developing functionality for user interface using jQuery and other libraries;
- Developing websites using MySQL, PHP and other programming tools.

**Implemented projects:**

- [www.smiledent.md](http://www.smiledent.md)
- [www.eventika.md](http://www.eventika.md)
- [www.recrinde.com](http://www.recrinde.com)
- [www.finnconsult.at](http://www.finnconsult.at)
- [www.perfectdental.com](http://www.perfectdental.com) - (developed on Drupal)
- [www.railtechnik.eu](http://www.railtechnik.eu) - (developed on Drupal)
- [www.h2020.md](http://www.h2020.md) - (developed on Drupal)
- [www.cce.asm.md](http://www.cce.asm.md) - (developed on Drupal)
- [www.rn.asm.md](http://www.rn.asm.md) - (developed on Drupal)
- [www.webeestudio.com](http://www.webeestudio.com) - (developed on Drupal)
- [www.advocacy.md](http://www.advocacy.md) - (developed on Drupal)
- [www.qesamed.eu](http://www.qesamed.eu) - (developed on Drupal)

2010 – 2013

**Freelancer**

Chisinau (Moldova)

*Main activities and responsibilities as a Freelancer:*

- Developing web sites (Drupal, PHP, HTML, CSS, JavaScript, jQuery) and maintenance;
- Administration and maintenance of the web server of Linux company.

2009 – 2010

**Programmer**

ISP "Starnet" S.R.L.

Vlaicu Parcalab 52, Chisinau (Moldova)

[www.starnet.md](http://www.starnet.md)

*Main activities and responsibilities as a Programmer:*

- Developing web sites (Drupal, PHP, HTML, CSS, JavaScript, jQuery) and maintenance;
- Administration and maintenance of the call center of Asterisk company;
- Monitoring and elaborating statistic solutions for the call center.

2007 – 2009

**Programmer SME**

The Company AMDOCS

Limassol (Cyprus)



## ATTACHMENTS

### 1. Diploma

REPUBLICA MOLDOVA  
MINISTERUL EDUCAȚIEI, TINERETULUI ȘI SPORTULUI

**DIPLOMĂ**  
DE LICENȚĂ  
învățământ superior universitar

Seria AL. **№ 0094954**

În baza hotărârii Comisiei pentru examenul de licență  
din 23 iunie 2005  
Scutaru Dumitru  
inmatriculat în anul 2001, absolvent al (a) Universității de Stat din Moldova  
a obținut titlul de Licentiat  
profilul Informatică  
specialitatea Informatică  
specializarea \_\_\_\_\_  
cu media: examenul de licență 7,45 (șapte, 45)  
generata de licență 4,31 (șapte, 31)  
L.S. I. Costas  
Eliberată la 6 iunie 2005  
Nr. de înregistrare 154 Semnătura titularului Scutaru

Tipografia Centrală, 2005

REPUBLIC OF MOLDOVA  
MINISTRY OF EDUCATION, YOUTH AND SPORT

**DIPLOMA**  
OF LICENTIATE  
University Higher Education

Series AL.

According to the decision of the Licence Examination Commission  
of 23 June 2005  
Scutaru Dumitru  
admitted in 2001, graduate of Moldova State University  
has been awarded the degree of Licentiate  
in the field of Computer Science  
speciality Computer Science  
specialization \_\_\_\_\_  
Average Mark - licence examination 7,45 (seven, 45)  
General of the licence 4,31 (seven, 31)  
University Seal I. Costas  
Issued on 6 June 2005  
Registration No. 154 Signature of Holder Scutaru



## 2. Certificate in PHP 5.6



THIS IS TO ACKNOWLEDGE THAT

**Dumitru Scutaru**

IS CERTIFIED IN

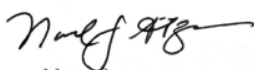
**PHP 5.6**

AND HAS SUCCESSFULLY COMPLETED ALL REQUIREMENTS AND CRITERIA FOR SAID CERTIFICATION  
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CHIEF EXECUTIVE OFFICER



RANDY KRAEMER  
DIRECTOR OF CERTIFICATION



SARA LAMBERT  
CHIEF SCIENTIST

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