

## CURRICULUM VITAE (CV)

<b>Position Title and No.</b>	IT Consultant
<b>Name of Expert:</b>	Dorin Marcoci
<b>Date of Birth:</b>	17/03/1979
<b>Country of Citizenship/Residence</b>	Romanian

### Education:

Academy of Economic Studies of Moldova (ASEM), Chisinau, Moldova,  
1996 – 2001  
Bachelor Degree in Cybernetics and Economic Informatics

### Employment record relevant to the assignment:

Period	Employing organization and your title/position. Contact information for references	Country	Summary of activities performed relevant to the Assignment
03/2017 – present  04/2017-09/2017	Business & Finance Consulting (BFC) <b>IT Consultant</b>  <i>For references:</i> <i>Tel. +373 69 331 005</i> <i>E-mail: birca@bfconsulting.com</i> <i>Eugen Birca, Senior Project Manager</i>	Moldova  Kirgizstan	<ul style="list-style-type: none"> <li>▪ Conducted an <b>audit of MasterAPS</b></li> <li>▪ Analyzed the application's features, its interface, navigation features, and overall performance</li> <li>▪ Submitted an audit report with <b>recommendations for improvement</b></li> <li>▪ <b>Upgrade MasterAPS</b> for efficient data exchange among the members of the credit process based on the identified gaps and related recommendations</li> <li>▪ Improve the application's performance</li> </ul>
04/2017-09/2017	Bank in Kirgizstan / Covered by NDA <b>IT Consultant</b>  <i>For references:</i> <i>Tel. +996 771 702 273</i> <i>E-mail: vchiriac@gmail.com</i> <i>Victor Chiriac, Senior Project Manager</i>	Bishkek, Kirgizstan	<ul style="list-style-type: none"> <li>▪ <b>IT Audit of software and hardware infrastructure</b></li> <li>▪ <b>IT Recommendations in order to increase performance and fixing security issues</b></li> <li>▪ <b>Assistance on selection and implementation of Loan Origination System</b></li> </ul>
04/2014 – present	Marcodor Ltd Managing Director / Owner	Chisinau, Moldova	<ul style="list-style-type: none"> <li>▪ Developed and implemented the company's business</li> </ul>

	<p><i>For references:</i>  <i>Tel. +373 681 40 958</i>  <i>E-mail:</i>  <i>serghei.cebotari@marcodor.com</i>  <i>Serghei Cebotari, Lead Software Architect</i></p>		<p>strategies</p> <ul style="list-style-type: none"> <li>Coordinated <b>software development and implementation</b> projects for various clients</li> <li>Elaborated <b>software architecture</b> concept and design</li> <li>Worked on <b>software development</b> and provided <b>IT advisory</b> and assistance on various projects<sup>1</sup></li> </ul>
05/2016 – present (intermittent)	<p>National Commission for Financial Market (NCFM) / International Fund for Agricultural Development (IFAD)  <b>Project Manager / IT Expert</b>  <i>For references:</i>  <i>Tel. +373 794 40 199</i>  <i>E-mail:</i>  <i>alna.cebotariiov@cnpf.md</i>  <i>Alina Cebotariiov, Head of the Non-Banking Credit Directorate</i></p>	Chisinau, Moldova	<ul style="list-style-type: none"> <li>Analyze NCFM needs in terms of <b>report management system</b>, including collection, tracking, management, and analysis of financial reports submitted by financial institutions from Moldova</li> <li>Design the software architecture of the <b>Reporting Management System (RMS) VISOR</b> (mis.cnpf.md). Tools used: ExtJS, PHP, Firebird</li> <li>Coordinate and plan the <b>software development process</b></li> <li>Implement and monitor the deployment of the RMS/VISOR</li> <li><b>Train</b> the NCFM staff on <b>system usage</b></li> <li>Ensure continuous <b>technical assistance and system customization</b> based on NCFM needs</li> </ul>
09/2002 – 03/2014	<p>Rural Finance Corporation (RFC)  <b>Head of IT Department</b>  <i>For references:</i>  <i>Tel. +373 675 54 490</i>  <i>E-mail: marcel.tonu@rfc.md</i>  <i>Marcel Tonu, President</i></p>	Chisinau, Moldova	<ul style="list-style-type: none"> <li>Developed and <b>implemented IT strategy</b>, including goal setting and timeframe management</li> <li>Provided <b>IT Business Continuity Management Audit and Assurance</b></li> <li>Identified <b>risk management</b> and disaster recovery procedures</li> </ul>

<sup>1</sup> Please see section number 15 “Project List” for details on completed projects

			<ul style="list-style-type: none"> <li>Ensured <b>software project management</b>, development and maintenance</li> <li>Provided <b>hardware</b> assistance and <b>maintenance</b></li> </ul>
02/2012 – 12/2013	Central Association of Savings and Credit Associations (CASCA) / Kreditanstalt für Wiederaufbau (KfW) <b>IT Expert</b>	Chisinau, Moldova	<ul style="list-style-type: none"> <li>Designed <b>software architecture</b> and developed and implemented <b>reporting software</b></li> <li>Performed <b>software adjustments</b>, based on customers' needs</li> <li>Handled hardware assistance and maintenance</li> </ul>
03/2010 – 12/2012	Consolidated Agricultural Projects Management Unit (CAPMU) / The World Bank (WB) / Government of Republic of Moldova (GoM) <b>IT Expert</b>	Chisinau, Moldova	<ul style="list-style-type: none"> <li>Performed <b>audit</b> of the <b>existing software</b></li> <li>Ensured the <b>design and architecture</b> of the <b>microfinance software</b></li> <li>Conducted the development and implementation process of <b>microfinance software</b></li> </ul>
03/2004 – 10/2008	National Federation of Savings and Credit Associations of Citizens <b>IT Consultant</b>	Chisinau, Moldova	<ul style="list-style-type: none"> <li>Ensured <b>accounting software development and implementation</b></li> <li>Performed adjustments of software inputs and outputs to customer's needs</li> <li>Improved the reporting system by adding specific built-in financial reports</li> <li>Introduced online Analytical Processing feature for <b>data analysis and management</b></li> </ul>

**Selected software development projects:**

<i>Date</i>	<i>Product's Title</i>	<i>Description</i>	<i>Tools used</i>
<b>2021</b>	Payme (pay.marcodor.com)	Payment gateway for SCA's system. Remittance tracking. Customer identification.	ExtJS, PHP, Firebird

<b>2017</b>	Visor (mis.cnpf.md)	Financial Reports Management System: collection, tracking, management and analysis of financial reports	ExtJS, PHP, Firebird
<b>2016</b>	Mailmin	Email hosting management system	ExtJS, PHP, Firebird
<b>2016</b>	Taraba	Software Point of Sale solution for markets (Integration with a large range of fiscal registrators: Datecs, Daisy & Exellio; Integration with accounting & warehouse management systems)	Delphi, Firebird
<b>2015</b>	Gpsiz (www.gpsiz.com)	Realtime GPS vehicle, container and person tracking platform. In development. Beta stage	ExtJS, PHP, Firebird
<b>2014</b>	Transiz (www.transiz.com)	Realtime business logistic platform for logistic companies, transporters and freight owners (2 IT specialists involved)	ExtJS, PHP, Firebird
<b>2013</b>	Evida/ERP management software	Complex solution for microfinance institutions; deposits and loans accounting and financial analysis; OLAP reporting	Delphi, Firebird, SQL
<b>2013</b>	Agravista (www.agravista.md)	Agricultural portal, including Adverts, prices, forecast and analysis (EU funded)	HTML, PHP, JavaScript, MySQL, SphinxSearch
<b>2012</b>	Evida-Online (client.rfc.md)	Online version of Evida ERP (client oriented software)	ExtJS, MS SQL
<b>2010</b>	Reclamer	Complaint Tracking Management System (tracking all passenger complaints, documents workflow)	Delphi, PostgreSQL

**Membership in Professional Associations and Publications:**

N/a

**Language Skills (indicate only languages in which you can work):**

Language / 1-5 scale	Reading	Speaking	Writing
<b>Russian</b>	<b>5</b>	<b>5</b>	<b>5</b>
Romanian	5	5	5
<b>English</b>	<b>4</b>	<b>4</b>	<b>4</b>

## Other skills:

### Programming Languages:

- **Delphi** (15+ years of experience) — coding from Borland Pascal 7.7 to Embarcadero Rad Studio 10.2 Tokyo; solid knowledge of Object Oriented Programming (OOP), Visual Component Library (VCL) and FireMonkey (FMX) frameworks; Database frameworks: BDE, DBX, IBX, FireDac, UniDac, Ibdac, MyDac, FireDac. Reporting frameworks: QReport, FastReport, CrystalReports; Online Analytical Processing (OLAP): FastCube, HierCube. Component design and development; Hardware devices programming and protocol implementations
- **Lazarus** (5 years of experience) — development and deployment of projects in Linux OS; Daemons development; Indy networking framework
- **SQL** (10+ years of experience) — development of stored procedures and complex queries
- **HTML** (10+ years of experience) — CSS styling; Markup
- **PHP** (10 years of experience) — OOP programming; database frameworks: PBO, Mysqli, Pgsq, lbase; REST services; AJAX handlers; BcMath
- **JavaScript** (7 years of experience) — Vue, jQuery, jQuery UI, ExtJS frameworks; RIA applications
- **C++** (3 years of experience) — Code analysis and optimizations; Cross platform project implementations; Code translations
- **Technologies:** OOP, HTML, CSS, JSON, XML, COM, OLE, ActiveX, MIDAS, COBRA, Client-Server, Multitier, SphinxSearch, Solr, RS232, USB, Bluetooth
- **Collaborative Tools:** GIT, SVN, GitLab, Redmine, SourceTree, TeamWork, GitHub

### Database Management Systems:

- **Firebird** (15+ years of experience) — Store procedures development; Transaction and savepoints handling; User management and data access roles; Statements plan analysis and optimizations
- **MySQL** — Store procedures; Data access optimizations; Connection pooling; User management
- Other well-known **DBMSes:** PostgreSQL, MS SQL Server, Oracle

### Server and Network Administration:

- **Windows Server** (10+ years of experience) — Active Directory deployment and management; Group Policy; Audit; User management; Organization units; Automatic remote software and printer deployment; Windows Server Update Services (WSUS); Client stations maintenance
- **Linux Server** (8+ years of experience) — Debian, Ubuntu, CentOS distributions; Networking configuration and management; User management; Services and application configuration: Web (Apache, Nginx), Mail (Postfix, Dovecot, MySQL, SquirrelMail), Database (Firebird, MySQL, PostgreSQL), Development (GIT, Redmine, Ruby, Passenger, Gitolite), Backup (Bacula), Fileserver (SSL, SFTP, SAMBA)
- **Networking:** LAN, IPv4, IPv6, DNS, DHCP, NAT, VLAN, IPSEC, PPTP Firewall, Mangle, Bridge, Routing configuration; Mikrotik and entry-level routers configuration; Network architecture, design and deployment

### Information Technology Management:

- **Software Project Management** (10+ years of experience) — IT Manager of small and medium teams; distribution and track development.
- **Software Architect** — modular design of project application, including database design. Intercommunication; overall optimizations and development supervision
- **Department Management** (10+ years of experience as Head of IT Department, involving 5+ workers, 10+ servers, 50+ client stations) — IT Strategy, IT Audit, IT Maintenance

### Software:

- Adobe Creative Suite (Photoshop, Illustrator, Premiere, Audition)
- Microsoft Office (Word, Excel, Outlook, Access, Publisher, Powerpoint)

- Radmin, TeamViewer, Putty, Sublime, Notepad++, IcmpExpert, 1C, InnoSetup

**Other skills:**

- **Virtualization:** Citrix XenServer, VirtualBox deployment and management
- **Hardware:** Servers configuration; Computer hardware diagnostics and repair
- **Telephony:** Asterisk IP-PBX configuration; VOIP, SIP clients configuration

**Adequacy for the Assignment:**

Detailed Tasks Assigned on Consultant's Team of Experts:	Reference to Prior Work/Assignments that Best Illustrates Capability to Handle the Assigned Tasks
Support the client in upgrading the MIS / IT system	Deep knowledge of banking/microfinance software solutions, business and security requirements, architecture, design and used technologies. Performed multiple IT Audits for various financial institutions, issues analysis and offering solutions.
Provide IT support to the Client	Experience in banking/finance area as a head of IT department, software architect, developer and analyst. Developed and implemented long-term strategies in IT. High understanding of internal processing of financial data management systems, efficiency, scalability and best practices.

**Expert's contact information:** (e-mail dorin.marcoci@gmail.com phone +373 67666667)

**Certification:**

I, the undersigned, certify that to the best of my knowledge and belief, this CV correctly describes myself, my qualifications, and my experience, and I am available to undertake the assignment in case of an award. I understand that any misstatement or misrepresentation described herein may lead to my disqualification or dismissal by the Client, and/or sanctions by the Bank.

Dorin Marcoci

15/07/2021

Name of Expert  
Date

Signature