

## PERSONAL DATA



**Name:** Alex (Alexandr) Marcov

**Date of Birth:** 07/29/1984

**Location:** Tiraspol, Moldova

**Mobile:** +373 (777) 7-27-17

**E-mail:** salmi3d@gmail.com

**Telegram:** [salmi3d](#)

**LinkedIn:** <https://linkedin.com/in/salmi3d>

**GitHub:** <https://github.com/salmi3d>

## OBJECTIVE

**Desired Position:** Frond End / Full Stack

## SUMMARY OF QUALIFICATION

I'm a Full Stack Software Engineer with 15 years of experience in software development includes design, analysis and development using different programming languages and technologies.

A result-oriented team player with solid communication and interpersonal skills and the ability to manage multiple priorities under aggressive deadlines.

Strong expertise in infrastructure, analytics and DevOps.

Good understanding and experience working with data related technologies: database design, writing complicated queries and stored procedures.

## TECHNICAL SKILLS

- ▶ Programming languages: PHP, PL/SQL, PL/pgSQL, JavaScript/TypeScript, Golang, Pascal, C++.
- ▶ Frameworks: Vue.js, Nuxt.js, Electron, NativeScript, React, RN, Ext JS, PhalconPHP, CodeIgniter, Laravel.
- ▶ Databases: Oracle, PostgreSQL, MySQL, SQLite, FireBird.
- ▶ NoSQL: Memcached, MongoDB, Redis, FaunaDB, Firebase.
- ▶ Full-text Search engines: Elastic Search, Algolia, SphinxSearch, Apache Lucene.
- ▶ Monitoring: Zabbix, Munin.
- ▶ Backup: Bacula, Amanda, Rsync, Clonezilla, Duplicity.
- ▶ Configuration management: Puppet, Chef, Ansible, Salt.
- ▶ Cloud Platform: Cloudflare, ZEIT, Heroku.
- ▶ Version controls: SVN, Mercurial, Git, Git-Flow, Gitlab, Github, Bitbucket.
- ▶ WEB: HTML5, CSS3, BEM, Bootstrap, REST API, Node.js, Express, GraphQL, jQuery, etc.
- ▶ Linux: Postfix, CGP, Bind, DHCPD, Samba, Iptables, Iproute, NUT, SQUID, LDAP, SpamAssassin, Tornado, Apache Hadoop, NFS, iSCSI, Varnish, RabbitMQ, LVS, LVM, Keepalived, RADIUS, Load Balancing, RAID, HAProxy, Nginx, Apache, Docker, Docker-compose, etc.

## RELEVANT EXPERIENCE

- ▶ Code review skills
- ▶ Projects and features development
- ▶ Clarification of business requirements
- ▶ Communication with the customer
- ▶ Tasks review and estimations

## LANGUAGES

- ▶ English – Intermediate
- ▶ Russian – Native Speaker

## EDUCATION

- ▶ 2001 – 2006 / GOU «Pridnestrovian State University. TG Shevchenko» / Tiraspol, Moldova. Master's Degree, Software development technologies.

## SEVERAL FACTS ABOUT ME

I prefer a healthy lifestyle. I like traveling with my wife. Hobbies: swimming, running, cycling.  
I'm really into crypto and blockchain technology.  
In my spare time I do self-development activities.  
I am interested in natural sciences and detective literature. Favorite author: Dan Brown.  
I am free of bad habits.  
Excellent logical, technical, bug fixing, debugging and problem-solving capabilities.  
I have an experience in teaching other people programming skills.

## COURSES AND CERTIFICATES

<b>Course name:</b>	M220JS: MongoDB for Javascript Developers
<b>Issued:</b>	MongoDB University
<b>Years of study:</b>	02/2020 – 03/2020
<b>Certificate license number:</b>	<a href="#">c35ba1bf-4948-4a0e-ac69-c864be1c0de1</a>
<b>Files:</b>	<a href="https://raw.githubusercontent.com/salmi3d/salmi3d.github.io/master/docs/certificates/M220JS-MongoDB-for-Javascript-Developers.pdf">https://raw.githubusercontent.com/salmi3d/salmi3d.github.io/master/docs/certificates/M220JS-MongoDB-for-Javascript-Developers.pdf</a>

<b>Course name:</b>	M320: Data Modeling
<b>Issued:</b>	MongoDB University
<b>Years of study:</b>	03/2020 – 04/2020
<b>Certificate license number:</b>	<a href="#">2e9f275f-2623-4104-8f86-b87c058ff68d</a>
<b>Files:</b>	<a href="https://raw.githubusercontent.com/salmi3d/salmi3d.github.io/master/docs/certificates/M320-MongoDB-Data-Modeling.pdf">https://raw.githubusercontent.com/salmi3d/salmi3d.github.io/master/docs/certificates/M320-MongoDB-Data-Modeling.pdf</a>

## PROFESSIONAL EXPERIENCE

## CJSC "Tiraspol Winery &amp; Distillery KVINT"

<b>Location:</b>	Tiraspol, Moldova
<b>Duration:</b>	05/2021 – now
<b>WEB:</b>	<a href="http://www.kvint.md/en/">http://www.kvint.md/en/</a>
<b>Description:</b>	<p>Nowadays this company with 120 years of history holds a leading position among the manufacturers of alcoholic beverages in Moldova.</p> <p>The Winery has its own raw materials source – approximately 2000 hectares of vineyards, where we grow more than 30 varieties of grapes.</p> <p>Annually output about 20 million bottles of alcoholic beverages, including over 30 names of divins aged from 3 to 60 years, table and vintage wines, vodkas, gin, hard liquors, calvados. Starting from 2000 production is certified against ISO:9001 (BVQI).</p>
<b>Position:</b>	Deputy Head of IT department
<b>Responsibilities:</b>	<ul style="list-style-type: none"> <li>▶ Management &amp; planning of IT infrastructure, software, hardware and personnel</li> </ul>

## CJSC "Tiraspol Winery &amp; Distillery KVINT"

<b>Location:</b>	Tiraspol, Moldova
<b>Duration:</b>	01/2013 – 04/2021
<b>WEB:</b>	<a href="http://www.kvint.md/en/">http://www.kvint.md/en/</a>
<b>Description:</b>	<p>Nowadays this company with 120 years of history holds a leading position among the manufacturers of alcoholic beverages in Moldova.</p> <p>The Winery has its own raw materials source – approximately 2000 hectares of vineyards, where we grow more than 30 varieties of grapes.</p> <p>Annually output about 20 million bottles of alcoholic beverages, including over 30 names of divins aged from 3 to 60 years, table and vintage wines, vodkas, gin, hard liquors, calvados. Starting from 2000 production is certified against ISO:9001 (BVQI).</p>
<b>Position:</b>	Full Stack Software Engineer
<b>Responsibilities:</b>	<ul style="list-style-type: none"> <li>▶ Building IT infrastructure: LAN 300+ PC, Active Directory, Linux Virtualization Infrastructure (Proxmox / KVM / Xen), Linux Servers (RedHat, CentOS, Ubuntu), Routing (Mikrotik / RouterOS), etc</li> <li>▶ Building Linux HA cluster (Virtuozzo + Heartbeat + DRBD)</li> <li>▶ IT infrastructure improvements: VOIP, Access control systems, Security – video surveillance</li> <li>▶ Working with network infrastructure: DNS, Firewalls, VPNs, NAT, port forwarding/mapping, masquerade, routes, VLANs, work with different network equipment, GBIC modules, L2/L3 switches, routers, etc</li> <li>▶ Building and maintenance of internal company's web services, applications and tools</li> <li>▶ Integration and development of ERP system UNA.md (<a href="http://una.md/en">http://una.md/en</a>)</li> <li>▶ Writing a lot of business logic in Oracle PL/SQL packages and triggers</li> <li>▶ Integration of ERP system in company own retail infrastructure</li> <li>▶ Development of reports using FastReport (band oriented) and FormulaOne (grid oriented)</li> <li>▶ Writing of documentation for ERP business modules</li> <li>▶ Development of system for product shipment using barcodes, portable scanners</li> <li>▶ Writing logic for work with different equipment – cash registers, different scales, bank terminals</li> <li>▶ Working with distributed DB with dblink, mat views</li> <li>▶ Optimizing databases using execution plans, hints, tracing, query optimizing,</li> </ul>

	<p>indexes, table partitioning, materialized views, denormalized tables, index-organized tables, analyzing dynamic performance views, optimizing infrastructure (equipment / hardware / settings)</p> <ul style="list-style-type: none"> <li>▶ Integration of different databases using oracle database gateway: Oracle, PostgreSQL, MySQL, SQLite, FireBird</li> <li>▶ Integration between ERP, video surveillance, access control systems, IP PBX</li> <li>▶ Integration with different systems using REST, export/import files in different formats – json, xml, csv, dbf</li> <li>▶ Provide qualitative fixes for functional and performance issues in specified time frame</li> <li>▶ Maintenance and extension of current code and addition of new features</li> <li>▶ Integration with third-party customer experience services</li> </ul>
<b>Web working environment:</b>	WebStorm, VSCode, Node.js, Express, Electron, Vue.js, Nuxt.js, PhalconPHP
<b>Oracle working environment:</b>	Oracle RDBMS, ODAC, DevExpress, Oracle Database Gateway, TOAD, PL/SQL Developer, OTRS

### CJSC “Tiraspol Winery & Distillery KVINT”

<b>Location:</b>	Tiraspol, Moldova
<b>Duration:</b>	02/2007 – 01/2013
<b>WEB:</b>	<a href="http://www.kvint.md/en/">http://www.kvint.md/en/</a>
<b>Description:</b>	<p>Nowadays this company with 120 years of history holds a leading position among the manufacturers of alcoholic beverages in Moldova.</p> <p>The Winery has its own raw materials source – approximately 2000 hectares of vineyards, where we grow more than 30 varieties of grapes.</p> <p>Annually output about 20 million bottles of alcoholic beverages, including over 30 names of divins aged from 3 to 60 years, table and vintage wines, vodkas, gin, hard liquors, calvados. Starting from 2000 production is certified against ISO:9001 (BVQI).</p>
<b>Position:</b>	Software Engineer
<b>Responsibilities:</b>	<ul style="list-style-type: none"> <li>▶ Integration and development of ERP system UNA.md (<a href="http://una.md/en">http://una.md/en</a>)</li> <li>▶ Writing a lot of business logic in Oracle PL/SQL packages and triggers</li> <li>▶ Integration of ERP system in company own retail infrastructure</li> <li>▶ Development of reports using FastReport (band oriented) and FormulaOne (grid oriented)</li> <li>▶ Writing of documentation for ERP business modules</li> <li>▶ Development of system for product shipment using barcodes, portable scanners</li> <li>▶ Writing logic for work with different equipment – cash registers, different scales, bank terminals</li> <li>▶ Working with distributed DB with dblink, mat views</li> <li>▶ Optimizing databases using execution plans, hints, tracing, query optimizing, indexes, table partitioning, materialized views, denormalized tables, index-organized tables, analyzing dynamic performance views, optimizing infrastructure (equipment / hardware / settings)</li> <li>▶ Integration of different databases using oracle database gateway: Oracle, PostgreSQL, MySQL, SQLite, FireBird</li> <li>▶ Integration between ERP, video surveillance, access control systems, IP PBX</li> <li>▶ Integration with different systems using REST, export/import files in different formats – json, xml, csv, dbf</li> <li>▶ Provide qualitative fixes for functional and performance issues in specified time frame</li> <li>▶ Maintenance and extension of current code and addition of new features</li> <li>▶ Integration with third-party customer experience services</li> </ul>
<b>Oracle working environment:</b>	Oracle RDBMS, ODAC, DevExpress, Oracle Database Gateway, TOAD, PL/SQL Developer, OTRS

**MUE "Tirzemleustroystvo"**

<b>Location:</b>	Tiraspol, Moldova
<b>Duration:</b>	01/2006 – 02/2007
<b>Position:</b>	Specialist
<b>Responsibilities:</b>	Building LAN, AD Domain, network security, firewall configuration, software installation, simple automatization, writing excel macros, developing of a program for surveying

**Department of Architecture and Urban Planning of the State Administration of Tiraspol**

<b>Location:</b>	Tiraspol, Moldova
<b>Duration:</b>	08/2004 – 12/2005
<b>Position:</b>	Sysadmin
<b>Responsibilities:</b>	Building LAN, software installation