Alexander Romaniak

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Summary of Qualifications	
	• Result-oriented • Excellent leadership skills and training • Possess great communication and interpersonal skills • Self-motivated; able to learn on own initiative • Versatile and multi-skilled person • Led teams. • Ability to solve very hard problems. (Create core algorithm for award-winning logistic company. Which achieved more than 30 000 clients worldwide after algorithm had been done) • Multilingual: English/Russian/Polish/Ukrainian • In-depth knowledge of psychology • Servant Leader • Business acumen

EDUCATION

UNIVERSITY	DEGREE/SPECIALITY	GRADUATION YEAR
Lviv National Polytechnics University, Ukraine	Master's degree, Computer Software Engineering (Graduated with Honors)	2010

Foreign Languages	LEVEL
English	Advanced
Polish	Intermediate
Russian	Advanced

SKILLS	
GAME ENGINE	**No SQL**
Unity (long time ago, my own start-up)	MongoDB
VERSION CONTROL	**OPERATING SYSTEMS**
SVN	MS Windows
GIT	MacOS
AWS	**GOOGLE CLOUD**
Cognito	Bigquery
API Gateway	Redis
IOT	Docker (in process)
S3	
APPLICATION SERVERS	**IDE**
Server2go	Intellij idea
Jakarta Tomcat	Visual Studio Code
nginx	
MIDDLEWARE	**E-COMMERCE**
Apache Camel	**SAP Hybris**
PROGRAMMING LANGUAGES	
Java 8	**FRAMEWORKS**
Python	Spring
Typescript	Angular 2+
UI	**Java Script**
JavaFX	Three.js
PrimeNG, Material Design.	jQuery
ORM	**MESSAGING**
Hibernate	Apache Active MQ
RDBMS	**METHODOLOGIES**
MySQL	Pair Programming
SQLITE	Feature Driven
Oracle	Scrum
MS Access	TDD
ISSUE-TRACKING SYSTEM	**CONTINUOUS INTEGRATION**
PyvitoalTracker	Jenkins
JIRA	**BUILD TOOLS**
PATTERN	Maven
	Webpack
GOF	**WEB SERVICES**
Architecture	REST
Enterprise Integration	SOAP
DATA FORMAT	**UTILITY**
XML	JSOUP
JSON	PDF BOX

CERTIFICATION/COURSES
SAP/HYBRIS APRIL 2019
https://www.youracclaim.com/users/oleksandr-romaniak/badges
MONGODB

MongoDb Security official courses	**MongoDb Security official courses**
http://university.mongodb.com/course_completion/b3381 a3c-b78d-49ec-9bba-71bb273b	http://university.mongodb.com/course_completion/a2280 498-c53a-4206-b33c-be717d4f

PROJECTS PARTICIPATION

<table>
<tr><td colspan="2">SEPT, 2016 - PRESENT
freelance</td></tr>
<tr><td>PROJECTS ROLES</td><td>Angular 2+ / Senior Dev / Architect / Team-lead</td></tr>
<tr><td>PARTICIPATIO N</td><td>

1. First big Angular 8 Project: communication-based on Calendar;
Back-end: Mongo, Express, Node.
Front-end: Angular 8, Bootstrap, PrimeNG
Role: all stages from design to development.
Mobile version: Ionic 2+
2. Second big Angular 8 Project: recruiting app.
Back-end: Java, Spring,
Front-end: Angular 8, Ng-Bootstrap, Bootstrap
Role: all stages from design to development, from database design, event architecture etc.
3. Third big Angular 8 Project: CRM for car dealership: 10-15 Angular 2+ apps based on AWS.
Back-end: Java, Spring, Spring integration AWS: API-gateway, elastickbeanstalk, codecommit, cognito, aim, iot
Front-end: Angular 8, NgRx, RxJs, Google Material Design, Google Maps, some jQuery plugins
Role: all stages, besides I was a communication point between USA, Ukraine and India, it is kinda 24/7 development. When I go to bed, USA guys keep working, when they go to bed guys from India get up and so on and so forth
Mobile version: Ionic 2+ more information here: https://www.shyftauto.com/
4. Fourth big Angular 8 Project: email campaign app
Back-end: python Google Cloud.
Front-end Angular 8, NgRx, RxJs, Google Material.
Role: only front-end, event architecture, creating tests, design... components.
Link: https://teyb.innohead.com/
5. Enterprise Angular Component Library: ()
Front-end: Angular 8, Observables, CSS, HTML.
Role: design, implement, test angular components aka EA-mode
Link: https://github.com/EAmode/eang
6. Juriba
Front-end: Angular 8, ag-grid, ngRx, rxJS.
Role: only front-end, creating tests, design... components, update ngrx, ag-grid
Link: https://www.juriba.com/
7. Digivante:
Front-end/back-end: Angular 8, ngrx, rxJS
Back-end: Php.
Role: only front-end, event architecture, creating tests, design... components. fix/suggest back-end changes.
Link: https://www.digivante.com/

</td></tr>
<tr><td>TECHNOLOGIES</td><td>Read Role in each project.
NgRX, rxJS, ag-grid, post-css, Observables, https://fullcalendar.io/, openalpr api</td></tr>
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SEPTEMBER 2019 - SEPTEMBER 2020	
Innohead	
PROJECTS ROLES	AI / Machine learning dev
PARTICIPATION	Under NDA.
TECHNOLOGIES	Python, google cloud, Angular 2+, redis etc.

APRIL, 2019 - MAY 2019	
Doosan / Bobcat	
PROJECTS ROLES	AWS / Angular dev
PARTICIPATION	Under NDA.
TECHNOLOGIES	AWS IOT, Telit, Angularjs, java, hybris….

APRIL, 2018 - APRIL 2019	
Whirlpool	
PROJECTS ROLES	SAP/Hybris dev
PARTICIPATION	Typical tasks required for Hybris e-commerce. Under NDA.
TECHNOLOGIES	SAP Hybris, Drools, **Angular2+,** Adobe AEM, nginx.

SEPT, 2012 - 2016	
My own startups / freelance	
PROJECTS ROLES	Architect / Java Engineer
PARTICIPATION	- Identify bottlenecks and bugs, and devise solutions to these problems - Design, build, and maintain efficient, reusable, and reliable code - Ensure the best possible performance, quality, and responsiveness of the applications - Participating in all stages of software development including analyzing, designing, programming, debugging, and modifying software enhancements and/or new products for customer applications. - Analyze customers, collect valuable data about competitors, manage requirements.
TECHNOLOGIES	Java, Spring, Hibernate, Apache Camel, ….

MAR, 2011 - SEP, 2012	
Logivations	
PROJECT ROLES	Algorithm Engineer / Team Lead
CUSTOMER	Logivations
PROJECT	W2MO Full environment for logistics. More information http://www.logivations.com/
PARTICIPATION	http://www.logivations.com/en/solutions/operational/CasePackOpt.php#top Development and optimizing bin (case) packing algorithm for using in production. Additional optimization algorithm was developed on top of basic algorithm, but now it was carton optimization, not packing optimization. http://www.logivations.com/en/solutions/design/behaelterportfolio.php I have to analyze market solutions of bin packing algorithm, try different parameters, and so on… then make an assumption about how it is working, create requirements, description and then try to develop or help to develop it. Besides my main responsibilities, I write sql stored procedures for the purpose of my tasks, create form on the UI with the help of java script (JQuery and sigma grid), support and take part in the development of order's processing algorithms, transport processing algorithm,….
DATABASE	Mysql
TOOLS	Intellij idea, SVN, tomcat, ant and …. (it was startup)
TECHNOLOGIES	Java, JDBC….

SEPT, 2010 - DEC, 2010	
National Polytechnics University Lviv	
PROJECT	**Diploma project.** Modeling of steady heat conduction in termal parallelepiped used an indirect boundary element method (IBEM).
TOOLS	MathLab

SEPT, 2009 - SEPT, 2010	
Military academy named after Hetman Petro Sahaydachnyi	
PROJECT ROLES	Architect / Software Engineer
CUSTOMER	Internal project
PROJECT	Tasks tracking application. Project was devoted for supporting the internal academy processes.
PARTICIPATION	All phases
DATABASE	MySQL
TOOLS	Borland developer studio 2006, Mysql 5.1, MysqlFront
TECHNOLOGIES	ODBC, ADO, OLE

Oct, 2008 - Jan, 2009 Comarch	
JOB POSITION	SQL Engineer
PROJECT ROLES	SQL Engineer
CUSTOMER	Comarch
PROJECT	I had changed Oracle units for mobile operators. I had examined the db tables which respond for the tariffs, clients and other benefits for clients and so on. Then I had changed the procedures in the appropriate units and/or had created my own view tables. After all I had tested my work and had sent it to the customers. Then I had lent support for my solutions.
PARTICIPATION	All phases
DATABASE	Oracle
TOOLS	Titan, Oracle
TECHNOLOGIES	Oracle, Internal