

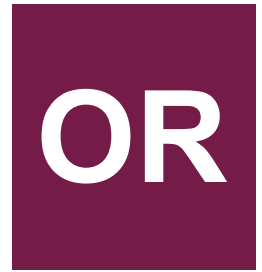
# Oleksandr Rysenko

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## Summary

Lead Full-stack JavaScript developer

## Experience

### **Director of Engineering, Solidified**

September 2017 - Current

Solidified is #1 full-audit service for smart contracts.

#### *Accomplishments/responsibilities*

- Backend template (node.js, TypeScript, MongoDB), guidance for team
- Frontend guidance (React/Redux)
- Deployment and security of backend (Docker, Docker Hub, Swarm)

### **Senior Developer, Waverley Software, Jibo Contractor**

March 2015 - March 2018

Jibo is a social robotics startup. I'm involved in architecture and development of Jibo Cloud (backend solution for Jibo).

#### *Accomplishments/responsibilities*

- Authentication based on Amazon AWS Signature
- RBAC for robot owners and crew (family members)
- Push notifications system to be used by robot itself and third party apps (skills)
- Manufacturing flow services using CQRS/Event Sourcing approach
- Number of microservices like backup, update, messaging, logging and others
- Deployment of services with Docker Compose/Swarm, Amazon ECS and CloudFormation
- Centralized configuration storage and discovery of services using etcd as backend
- Customer portal using React/Redux
- IFTTT API integration
- OAuth API for third parties targeting Jibo platform

### **Tech Lead, SFDev, Joyent Contractor**

July 2013 - March 2015

Joyent is leading cloud hosting provider with emphasis on in-house technologies like Node.js and SmartOS (Solaris family OS). I'm mostly involved in developing Joyent Cloud Portal (AngularJS/Express): <https://my.joyent.com/>

#### *Accomplishments/responsibilities*

- Analysis and estimation of requirements, doing most of the code review
- Managing team of developers/testers on subprojects like Docker UI
- Complete portal redesign according to new Joyent branding
- Joyent Manta UI (Manta is storage and computational engine)
- Joyent Container Service (Docker integration and UI)
- Role Based Access Control in Cloud API and portal
- Minor and ongoing things like SSO service, Simple Load Balancer, usage statistics, Node.js Debugger integration, etc.
- Separate API for Joyent Cloud for large partners like Dell

### **Co-founder, iCanDesign**

March 2013 — Current

iCanDesign makes family of interior-design applications for Android/iOS. Main focus is ease of use and image quality. <https://icandesignapp.com/>

#### *Accomplishments/responsibilities*

- Development of projects/accounts API and company website (Node.js + MongoDB)
- Setting up CI based on Jenkins, tracker, wiki, rendering infrastructure
- Writing large portion of application code in C# (it's a Unity3D project)

### **Senior Developer, ProspX**

November 2008 — May 2013

ProspX is developing SAAS for multi-party sales processes in the commercial insurance industry.

#### *Accomplishments/responsibilities*

- Developing C#/WCF web-services (using LINQ, MS SQL Server)
- Developing ProspX E-mail Connect (e-mail messaging processing and auto-replying)
- Developing and support of existing in-house component-based JavaScript framework
- Researching and developing MVVM JavaScript framework based on KnockoutJS

### **Developer, YesSoftware**

November 2004 — May 2008

Flagship product - CodeCharge Studio – code generating IDE for developing database-driven web sites. <https://yessoftware.com/>

#### *Accomplishments/responsibilities*

- Developing component framework for CodeCharge Studio based on PRADO (PHP-framework), developing code-generating schemas for this framework (XSLT transformations based on page/site model)
- Developing library of AJAX controls and data-providing services for it
- Developing WYSIWYG->HTML->WYSIWYG converter based on XSLT

transformations

- Developing component-based framework on Ruby On Rails
- Managing team of CodeCharge Studio developers and releasing CodeCharge Studio 4.0

## Education

### **Taurida National University**

**Master Degree — 2000-2006**

Faculty of Mathematics and computer science. Degree project - web-based testing and analytics system. Written in PHP/MySQL, supported tests import from Word/Excel, mathematical notation is using MathML. Sophisticated analytics is also present.

## Skills

- Good written and spoken English
- Good understanding of DVCS like Git/Mercurial