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## Alexander Serditov

### Full Stack Developer (Django, Yii, Node, Ruby)

During my development experience I participated 20+ projects. The primary focus includes interactions between people and devices. There are different directions: marketing and social activities, IoT, educational projects, neuromarketing and user behaviour, advertisement campaigns, VoIP platform.

My journey at Web Development started at 2007 year. Step by step I grow from junior developer with common knowledge into lead developer with skills in architecture prototyping. First prio skills includes communication with people, concept, design, implementation.

I prefer work at freelance cause it gives opportunities to improve skills in sport, cybersport, travel into cities, countries where I may reach people

There exists a company Digitally Constructed (DC). I created projects that allow improve skills in sport and cybersport, meet with other people, communicate with people, have a community. Technologies provides an opportunity to manage nance fonds, deliver a payment transaction.

## Primary Skills

There are highly desired skills. These skills are widely used across participated projects

- Django

- Yii framework
- Node.js (Express.js)
- Docker, Docker Compose
- AWS EC2, AWS EB
- Babel, Gulp, Webpack
- CSS, SASS, LESS, CSS3
- Html, Html5
- RabbitMQ
- Celery
- Supervisor
- Nginx
- Angular 1+, Angular 2+
- NativeScript, TypeScript

## Secondary Skills

During my programming experience I used next skills to reach best results alongside main development activity. I may use these skills for position at junior level. There are especially interesting products from Amazon and Open Source Community

- Ruby On Rails
- Android SDK
- SMTP
- Postgres, DynamoDB
- Unix, Bash

## Employment History

Latest projects are done for Digitally Constructed (DC).

Freelance Web Developer

Sep 2009 - Present

Why working as Freelance Web Developer very perspective for me?

- It gives an opportunity to manage time frames during working and resting
- It provides an opportunity to travel across countries and cities
- It provides an opportunity to keep and improve skills using concrete training schedule
- It provides an opportunity to work directly with leaders of IT industry as well as startups companies

## React and Node Developer | XDefi Technologies Ltd

Mar 2021 - May 2021

The solution for ethereum blockchain (as well for ethereum nft, bitcoin, litecoin, binance, binance smart chain) to take a look transaction list for different cryptocurrencies, provides possibility to be easy scalable (cares about rpm for concrete cryptocurrency channel). Provides option to spawn new instances based on rpm on amazon elastic beanstalk and amazon ec2

**Client (Chrome, Firefox):** React

**API** (ethereum, ethereum nft and other): Node, Nest

**Deployer:** Node

**Proxy:** Nginx

**RPM bandwidth provider:** Node, Nest

**Load Testing:** Cypress, Bash

**Request Testing** (via Postman)

**Amazon Instances:** Amazon EC2

**Amazon Storage:** Amazon S3

**Amazon Deployer Solution:** Amazon ElasticBeanstalk, Amazon Fargate, Amazon ECS

## React Native Developer | Trinity

Dec 2020 - Mar 2021

Good application for retail (android, ios), it provides an opportunity for product owner to take a look available items inside different points of sale, get details about revenue, roi. Interface is available on ios and android. I was involved into development both frontend and backend sides. React Native for android and ios, React for frontend, Kafka as message broker, Node and Nest on backend side.

**Device (Android, IOS):** React Native

**Client (Chrome, Firefox):** React

**Data Pipeline:** kafka

**Image Storage (aka Amazon S3):** Node

**Authentication:** Auth0

**Broker Availability Monitor:** React

**Compute Instances:** Yandex Cloud

## Developer | Apivio Clive

Dec 2016 - Apr 2017

The product was created for the company to manage firmware and software on connected devices in VoIP industry. I had a position of developer, did tasks using RabbitMQ, Celery, Django. RabbitMQ as well as bash very good for distributed system handling management devices. There were very cool interaction within teammates and chief architect

**Firmware Provider** (via API): Django

**Client (Chrome, Firefox):** Django

**Request Testing** (via Postman)

**Unit Testing:** unittest

## Lead Developer | Results On Air

Sep 2015 - April 2016

The Amazon Web Services has an accelerator #500Strong. I was lucky to join into one of the projects on position of lead developer. We did product that provides an opportunity to take ROI, revenue on data from TV campaigns and provide time options for this advertisement for required segment of people that increases primary metrics. Worked with mates from GB, stack includes node, redshift, angular 1+

**Client** (Chrome, Firefox): Angular 1.5, RaphaelJS, Highcharts

**Data Warehouse** (TV Campaign): Amazon Redshift

**Client's Data Warehouse:** DynamoDb

**Unit Testing:** Mocha, Sinon

**API:** Node, Express

**Amazon Instances:** Amazon EC2

**Amazon Storage:** Amazon S3

**Amazon Deployer Solution:** Amazon ElasticBeanstalk

## Developer | Pathful

Dec 2014 - Apr 2015

Another great project for marketing. Marketing campaign has goals for user, the solution allows construct a heatmap of user actions on website across used devices and website pages. The marketing campaign's owner has an option to reach goals and have a state of already published goals. We used django and client side javascript to have mentioned things done

**Client (Chrome, Firefox):** JavaScript

**Backend:** SQLAlchemy, Flask

**Unit Testing:** unittest, unittest2

**Request Testing:** postman

## Developer | RSVPU

Sep 2012 - Apr 2014

Educational system for Russian State Pedagogical University. My role as developer was simple. Stack includes Yii

**Client (Chrome, Firefox):** Yii

**Backend:** Yii

**Request Testing:** Yii Debugger

## Lead Developer | Dashify

Sep 2012 - Aug 2014

The solution for social networks to take metrics in one place. We have a set of mockups in really high quality, stack includes Yii, bash, search engine

**Client (Chrome, Firefox):** Yii

**Backend:** Yii

**Request Testing:** Yii Debugger

## Education

Computer Science | Russian State Vocational Pedagogical University

Sep 2010 - May 2015

Secondary School

Sep 2005 - May 2010