

Denis Semenenko

Senior Software Engineer & Technical Lead

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I am a seasoned software engineer with more than a decade of experience in software development, specializing in client-server technologies. In my tech toolkit, I work with **Ruby**, **JavaScript (Node.js)**, and **Angular**. I also have recent hands-on experience in Java, along with a solid background in PHP. As a Tech Lead, I guide teams to success, fostering growth and experience. My interests include functional programming, particularly with Clojure, and the creation of exceptional UI/UX.

Experience

November 2021 — present

Tech Lead, DocGo, New York

October 2017 — October 2021

Principal Software Engineer, DocGo, New York

August 2016 — September 2017

Senior Software Engineer, DocGo, New York

Main projects:

- Digital medical transportation platform and AI-powered dispatching system
- Partners integration
- Rapid Reliable Testing service, COVID testing, and vaccination management
- Telemedicine service

Used technologies: Node.js, TypeScript, Ruby, Rails, Java, AWS, MySQL, Redis, Angular, React, Technical Leadership.

August 2015 — August 2016

Tech Lead, ProoveLab (Saint Petersburg, Russia)

Main projects:

- API Development of Affiliate Discount Program
- eCommerce with CPA-integration

Used technologies: PHP, Phalcon, PostgreSQL, Memcached, iBeacon, RabbitMQ, Javascript, Codeception, JsonSchema, Push Notifications, RPC.

June 2013 — August 2016

Lead Software Engineer, Eltox Group (Kaliningrad, Russia)

Full-Stack web development

Main projects:

- CRM+ERP system for a group of companies with REST API
- B2G, B2B trade system for government and commercial purposes

Used technologies: PHP, Yii2, Yii, Kohana, MySQL, MongoDB, Memcached, Redis, Javascript, jQuery, Backbone, Underscore, XML/XSD, CryptoPro Browser Plugin, CryptoPro EDS SDK.

April 2011 — June 2013

Software Engineer, Eltox Group (Kaliningrad, Russia)

Full-Stack web development

Main projects:

- Search service related to commercial and government purchases (№44 & №94 federal laws)
- Management service related to digital certificate control for CA partners (PKI)

Used technologies: PHP, Yii Framework, MySQL, Javascript, jQuery, XML, XSD, XSLT.

January 2010 — September 2010

Software Engineer, MediaMax (Kaliningrad, Russia)

Main projects:

- Price list converter/integration software to work with auto-parts suppliers
- Website development: eShops, landings, booking services

Used technologies: PHP, Python, MySQL, Javascript, jQuery, HTML, CSS, XML.

Education

2006 – 2011

Immanuel Kant Baltic Federal University, Kaliningrad, Russia

Specialist's Degree (aka Master's Degree) in Math Modelling, Computer Science and Informational Systems, 5 years

Field of Study: Mathematician - Programmer

Faculty: Institute of applied math and informational technologies

Additional Experience and Achievements

Languages: English (C1)

Certification by 10gen M101 MongoDB for Python Developers (2012)

Skills

Back-end

Ruby (Rails, Grape, Sinatra), Node.js (Express, Loopback), Java, PHP (Symfony Components, Laravel, Yii, Slim, Phalcon)

REST APIs (OpenAPI 3/Swagger, JsonSchema, JWT, HATEOAS, JSON:API, HAL)

MySQL, PostgreSQL, MongoDB, Redis, Memcached, RabbitMQ

AWS EC2, Beanstalk, Lambda, RDS, ElastiCache, SQS, S3, Cloudwatch, X-Ray, SecretsManager

Front-end

JavaScript, TypeScript, Angular/RxJS, React/Redux, HTML5, CSS3, BEM, SCSS, Stylus, LESS, XML, XSD, XSLT

Engineering

Linux, Docker, TDD, DDD, CQRS, EventSourcing, Keycloak SSO, OAuth2/OpenID