ALEXEY DEMIN

Senior Software Engineer

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I am a software engineer, passionate about giving the best design and following coding practices.

### Work experience

**Senior Full-Stack Developer** 2012–now

Upwork, remote

1. • Created a CRM system and an MLS database for Saudi Arabia's real estate market from scratch.
2. AWS Lambda, DynamoDB, Laravel, REST API, integration with a payment system, Twilio, Google Maps, Google Cloud Platform.
3. • Ginnel.com. A real estate platform for Westchester County, NY.
4. Grabbing properties through MLS API and Google Maps integration. Made with OctoberCMS, a Laravel-driven CMS with Symfony components.
5. **Lead Software Engineer** 2021–2022
6. Mindgeek, remote
7. Developing one of the top 10 most high-loaded websites in the world. PHP, Symfony, GraphQL, MySQL, Tailwind, microservices.
8. **Senior Python Developer** 2021
9. Avanan, remote
10. Developed integration modules for a cloud email security platform. DynamoDB, Celery, asyncio, Python, React.
11. **Senior Software Engineer** 2020–2021
12. Staircase, remote
13. Developed a mortgage infrastructure system for a US startup. Python, AWS Lambda, CloudFormation, CodeBuild, DynamoDB, Serverless Framework.
14. **Lead Software Developer** 2018–2019
15. Novapulsar, remote
16. • Led a team that created a dictionary service and an API for a multi service platform used by a leading US healthcare company.
17. • Created an SSO for authenticating users on services hosted on subdomains. Laravel, Kubernetes, CircleCI, GCP, Docker, PHP, Vue.js.

**Software Developer** 2016

Postedin, Santiago, Chile

Created a content marketing microservice application made in Laravel, Ember, Vue.js, and AWS Lambda.

**PHP Developer** 2015–2016

Kambda, remote

• Developed and supported hospital reviews website, ‘a Tripadvisor for hospitals’.

• Invented and implemented a 7-factor ranking logarithmic algorithm based on reviews.

• Developed an e-commerce platform for a food delivery company from scratch using OctoberCMS.

**PHP Developer** 2014–2015

Onlinetours, Moscow, Russia

• Developed a CRM system for a travel company (250 users).

• Integrated it with 1C Enterprise, Asterisk, the company’s online store, and external suppliers.

**Lead PHP Developer** 2013–2014

Superjob, Moscow, Russia

• Developed job seeker services for the second employment website in the country.

• Learned a modern technology stack including Angular, Redis, and TDD practices, and gained an invaluable experience in teamwork using effective development methodologies.

**Calling System Team Lead** 2011–2014

Binbank, Moscow, Russia

Created a customer call system for a top-20 bank in the country. Requirements analysis, system architecture, development. About 400 active users in 149 branches located in 6 different time zones make more than 3000 calls every day. PHP, MySQL.

**PHP Programmer** 2008–2013

Gisware Integro, Moscow, Russia

• Led the development of a CRM system for an international mobile telecommunications alliance Freemove. PHP, MySQL

• TelcoView. Telecom Expense Management service (Netherlands). PHP, Oracle

• Front-end of Globus system. Capturing and processing statistics data from Beeline’s equipment.

### Education

**Master’s Degree in Applied Mathematics** 2010

Moscow State Institute of Radio Engineering, Electronics, and Automation

### Certification

1. **Amazon Web Services** 2020
2. AWS Certified Solutions Architect - Associate