

ALEXEY DEMIN

Senior Software Engineer

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I design systems to be clean, fast, and durable — from backend logic to deployment pipelines. I don't patch; I solve.

Work experience

Software Engineer 2025 – now
PayJoy, Mexico City

Maintain and develop backend services for financial data reconciliation. Integrate APIs, Kafka, AWS, Pandas, Celery, Django, and AVRO to automate syncing between payment providers, Netsuite, and internal systems. Build event-driven pipelines, manage data integrity, and support finance operations. PHP, Python, Databricks, Kafka, AWS, APIs, NetSuite, Datadog.

Team Lead 2023 – 2025
Hyperspace Inc., remote

Led the project from prototype to production with a team of four. Integrated a dozen AI APIs, built a custom billing system that handles payments from Stripe and app stores, and turned the app into a stateless Laravel setup running in an auto-scaling group. Set up CI pipelines with quality checks, integration tests, and auto-deployments. PHP, Laravel, React, PostgreSQL, Python, GCP, GitHub Actions, Redis, PHPUnit, Sentry, New Relic.

Lead Software Engineer 2021 – 2022
Mindgeek, Canada, remote

Contributed to one of the world's top 10 highest-traffic websites. PHP, TypeScript, Node.js, Symfony, Nest.js, Elasticsearch, MySQL, microservices.

Senior Software Engineer 2020 – 2021
Staircase, US, remote

Developed a mortgage infrastructure system for a US company. AWS: Lambda, SQS, CloudFormation, CodeBuild, DynamoDB, Cognito.

Python / PHP / Laravel Developer 2012 – 2020
Upwork, remote

- Developed integration modules for a cloud email security platform. Python, Celery, asyncio, Flask, Django, DynamoDB.
- Led a team that developed an ERP system for a US healthcare company. Google Cloud, Laravel, React, Docker, Kubernetes, CircleCI.

Software Developer 2015 – 2016
Postedin, Santiago, Chile

Created a content marketing microservice application built with Laravel, React, and AWS Lambda.

PHP Developer 2014 – 2015
Onlinetours

- Developed a CRM system for a travel company.
- Integrated it with 1C Enterprise, Asterisk, the company's online store, and external APIs.

Lead PHP Developer 2013 – 2014
Superjob

- Developed job seeker services for the second-largest employment website in the market.
- Gained first-hand experience working in a team environment, adopting modern development processes, and effectively utilizing technologies like Angular, Redis, and TDD practices.

PHP Developer 2011 – 2014
Binbank

- Created a customer call system for an external call center “Dialing” (including system architecture design, development, maintenance) for Binbank, one of the country's top 20 banks. PHP, MySQL.
- Created a customer call system for internal use “Dialing-3” (requirements analysis, system architecture, development). 400 active users in 149 branches located in 6 different time zones handle over 3000 calls daily. PHP, MySQL.

Education

Master – Engineer of Applied Mathematics 2010
MIREA – Russian Technological University

Skills

Laravel	●●●●●	Python	●●●●●
PHP	●●●●●	Git	●●●●●
AWS	●●●●○	GitHub Actions	●●●●●
React	●●●●○	Docker	●●●●●
PHPUnit	●●●●●	Kubernetes	●●●●○
REST API	●●●●●	nginx	●●●●○
MySQL	●●●●○	Ubuntu	●●●●●
PostgreSQL	●●●●●	Google Cloud	●●●●●
SOLID	●●●●●	Agile, Scrum, Lean	●●●●●

Certification

Amazon Web Services 2020
AWS Certified Solutions Architect – Associate

IELTS 2019
General Training Module – C1 Level