Ivan Edrennikov

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Summary

Experience in IT: 20 years in total, 6 years in payments processing, 14 years in QA

Expertise in: backend architecture, payments processing, TypeScript, Node.js, PHP, SQL, Git

Current role: Tech Lead at Bolt

Leading a small Balance team responsible for design and maintenance of Balance subsystem which is a part of payments processing system. Balance subsystem is for keeping and processing funds on users' accounts at Bolt.

At Bolt I had designed and built Payment Allocation System which matches users' payments and orders to track which order is paid by which payment and which orders are not paid. This had resulted in a better visibility of fraud cases.

At Mail.ru I had designed and built Promo Action system which gave easy way to setup promo campaigns.

My current technology stack is TypeScript and Node.js, but I also used PHP and Laravel and a bit of Java, with all these backed up by MySQL as well as Git, Redis, AWS SNS and SQS, RabbitMQ.

Previously I was a professional QA engineer with more than 10 years of experience. I have an experience with Selenium and WebDriver. I also have a good programming skills in Java as I used it to write automated tests.

Experience

Tech Lead
Bolt
Apr 2022 - Present (11 months)
Design and maintenance of Balance system which is a part of payment processing and is responsible for keeping and using funds on Bolt internal accounts of users.

Technical leadership of a small team working on Balance system.

I had designed and built a Payment Allocation System which matches users' payments and orders to track which order is paid by which payment and which orders are not paid. This had resulted in a better visibility of fraud cases.

Technical stack: microservices, TypeScript, Node.js, Redis, AWS SNS and SQS, MySQL.

Senior Software Engineer
Bolt
Oct 2020 - Mar 2022 (1 year 6 months)

Developing of backend of Balance system. Bolt Balance is the unified way to pay for Bolt services. Technology stack: TypeScript, Node.js, MySQL. Microservices.

Senior PHP Developer
Mail.ru Group
Oct 2019 - Aug 2020 (11 months)
Building e-commerce product Combo from scratch using PHP, Laravel and MySQL. Working in a small developing team I am contributing to every part of backend including system architecture, billing, subscriptions processing, promo actions, backoffice functionality.

I had designed and built a Promo Action system which gave easy way to setup promo campaigns.

PHP Developer
Badoo
Feb 2017 - Sep 2019 (2 years 8 months)
Developing backend of billing system. PHP, MySQL, Git.

I was involved into enabling subscriptions to be paid by alternative payment methods like watching video advertisement and installing promoted applications.

Quality control engineer
Badoo
Sep 2012 - Jan 2017 (4 years 5 months)
Manual and automated testing with Selenium, WebDriver and PHP.
Web services testing using API.

QA Engineer
Phorm
Nov 2008 - Jun 2012 (3 years 8 months)
Automated testing using Java and Selenium.

QA Engineer
Yandex
Mar 2008 - Oct 2008 (8 months)
Manual and automated testing using Java and Selenium.

QA Lead
UpScale Soft
Sep 2005 - Feb 2008 (2 years 6 months)
Manual testing.

QA Engineer
Active Video
Mar 2004 - Aug 2005 (1 year 6 months)

Manual testing.

Junior Java Developer
PHYSICON Ltd
Apr 2003 - Aug 2003 (5 months)
Bugfixig, writing unit tests.

QA Engineer
PHYSICON Ltd
Apr 2002 - Mar 2003 (1 year)
Manual testing.

Education

The Open University
Bachelor of Science, Computer Software Engineering
2019 - 2023
(distance learning, in progress)

Moscow Institute of Physics and Technology (State University) (MIPT)
1998 - 2002
(not complete, no diploma)

Skills

TypeScript • PHP • Software Development • Node.js • Git • SQL • Payment Services