

Kirill Andreev

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Summary

Software Engineer with 7+ years of experience developing scalable backend services for millions of customers, leading cross-functional projects, and mentoring less experienced engineers.

Experience

Klarna

Berlin, Germany

Senior Software Engineer

Mar 2023 – Present

- Led the development of the Right To Be Forgotten automation service from requirements gathering to testing and production release, which ensured compliance with data privacy regulations. Service is connected with more than 50 systems across the company, leading to a significant reduction in manual effort (4k hours saved annually) for both engineers and customer support agents, as well as reducing the number of manual processing errors to 0
- Integrated this new service with internal customer management tool and Klarna mobile app (150M+ users across the globe) enhancing customer experience by reducing customer support response time and allowing self-service through the app
- Onboarded and managed the work of 2 full-time engineers

Software Engineer

Nov 2019 – Mar 2023

- Led the migration of a legacy business-critical service (3k RPS, 99.995% uptime, 150M+ customers) to a new modern tech stack with nearly 0 downtime, improving maintainability, reducing p99 response time by 70%, and lowering instance count by 30%
- Learned GraphQL and built a service handling 1k RPS from 30 clients, which streamlined, secured and centralized access to customers' data

ALPOM

Saint-Petersburg

Java Developer

June 2018 – Oct 2019

- Designed and built backend service for mobile app, including setting up CI/CD and QA environment from scratch, ensuring 100% automated testing and deployment
- Upgraded existing Spring Boot service to a newer framework version, reducing startup time by 50% and response time from 300 to 100 ms

RooX Solutions

Saint-Petersburg

Java Developer

2017 – 2018

Created a service for accountants in collaboration with developers and testers from the bank.

Yandex LLC

Saint-Petersburg

QA automation intern → Junior Java developer

2016 – 2017

Started with test automation, then was promoted and worked on improving internal tools for development.

Technologies

Java, Spring Boot, Hibernate, AWS, Terraform, Postgres, Docker, Kafka, GraphQL, Jenkins, SQL

Education

ITMO University

Saint-Petersburg

- *Mathematics and Computer Science (Bachelors degree)*

2010 – 2015