

Akim Glushkov

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Summary

Senior Full-Stack Engineer with 9+ years of experience building complex, data-driven systems using Java/Spring Boot and React/TypeScript. Strong background in designing client-server architectures, telemetry processing pipelines, device integrations, and high-quality UI features. Experienced in delivering full product lifecycle from architecture to production.

Key Skills

Backend: Java, Spring Boot, REST, JPA/Hibernate, PostgreSQL, HSQLDB

Frontend: React, TypeScript, Next.js, MUI, FSD, frontend architecture

Other: HID/Bluetooth/USB integrations, SVG UI, CI/CD (Jenkins), Linux

Data: batching/cursor processing, telemetry analytics, DB performance optimization

English: Upper-Intermediate (reading/writing), conversational speaking

Experience

Freelance – Senior Full-Stack Engineer

2024 – Present · Remote

- Built a railway ticketing module (Next.js) with encapsulated server-side business logic, SVG seat interactions, and API caching.
- Led frontend team and implemented academic workflows for a university portal (React/MUI).
- Delivered medical device software (Java + React): HID/Bluetooth/USB integration, OS configuration, automated medical examination workflows, SVG signature handling.

OneCharge – Full-Stack Engineer / Team Lead

2019 – 2024 · Remote (California, USA)

- Designed ERP modules: dynamic form builder with versioning, QC forms, access management, telemetry analytics.
- Maintained telemetry ingestion pipeline handling ~4,750 battery devices with 1.5+ TB accumulated data.
- Improved data import and analytics through DB refactoring and optimized batch/cursor processing.
- Built customer dashboards for device health monitoring, reporting, and role-based data views.
- Led a team of 3 FE engineers: onboarding, architecture, reviews, planning.

Web-Support 24 – Full-Stack Developer

2016 – 2019 · Remote

- Implemented recurring payments (Spring Boot + PayOnline + InSales).
- Built XML/CSV import tools (PHP + RabbitMQ) with rule-based parsing UI.

- Delivered WordPress plugins and various data transformation micro-tools.

Achievements

- Reduced telemetry analysis time via DB structure optimization and sequential batch processing.
- Increased ERP form delivery speed through improved form builder architecture and versioning.
- Established engineering workflows: architecture standards, review practices, onboarding processes.