

Khamza Khakim

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Full-stack developer with 3+ years of experience building scalable web applications using Node.js and React ecosystems.

Experience

Full-stack developer, LLP "CMC Technologies" – Astana, Kazakhstan

Oct 2022 – May 2026

SmartEcg Project: 📄

- Achieved **100% unit & integration test coverage** using **JUnit + Mockito**, improving backend reliability.
- Built **mock services simulating external services (Spring Boot)** alongside a **React-based CRUD interface** to manage their data, improving developer experience and speeding up development workflow.
- Developed **REST endpoints wrapping SOAP-based external services**, normalizing their interfaces and simplifying consumption across the platform, with detailed documentation.
- Designed and developed a centralized **Messenger Service** supporting **WhatsApp (Twilio), Telegram, Email, and SMS**, standardizing notifications across internal products..

E-medosmotr Project: 📄

- Built fully responsive UIs using **Next.js, Tailwind, and Mantine UI**, improving accessibility across desktop & mobile
- Wrote **E2E tests with Playwright**, ensuring correctness of core user-facing functionalities and improving release confidence.
- Developed **analytics dashboards using Recharts**, increasing system observability and improving internal issue detection rate by **20%**.
- Contributed to the **relational database architecture (Drizzle + PostgreSQL)**, designing optimized table structures and implementing migrations to improve data consistency and maintainability.
- Optimized database queries and document-generation workflows using **Drizzle ORM + tRPC**, decreasing response times by **40%**
- Developed a **new web service** targeting a subset of the main platform's users, integrating it from scratch and reaching **20%** adoption among the platform's user base.
- **Mentored two junior developers**, providing guidance on implementation, code quality, and best practices, including regular code reviews.

Technologies

Programming Languages: JavaScript/TypeScript, Java, Python

Frontend: React, Next.js, TailwindCSS, Recharts, GSAP, Redux, Zustand, TanStack

Backend: Node, Bun, Express, NestJS, Fastify, tRPC, Socket.IO, RabbitMQ, Spring Boot

Databases & ORMs: PostgreSQL, MongoDB, Redis, Drizzle ORM, Prisma, Hibernate

Testing: Playwright, Jest, JUnit, Mockito

Tools & DevOps: Claude Code, ChatGPT, Codex, AWS, Docker, Nginx, Linux/CLI, Github Actions

Education

Astana IT University, BS in Computer Software Engineering

2021 – 2024

- GPA: 3.55/4.0
- **Diploma Project - Kitaphub:** Developed a book e-commerce platform with an ML-driven recommendation engine using React and Java (Spring Boot).

Languages

- **English** - Proficient (C1 /IELTS 8.0), **Kazakh** - Native, **Russian** - Fluent