

# Khamza Khakim

Astana, Kazakhstan | khakimkhamza.dev@gmail.com | +7 (747) 537 1589

linkedin.com/in/khamzakhakim/ | github.com/KhamzaKhakim

## 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).

## Experience

**Software Developer**, LLP "CMC Technologies" – Astana, Kazakhstan

Oct 2022 – Oct 2025

### SmartEcg Project:

- Achieved 100% unit & integration test coverage using JUnit + Mockito, improving backend reliability.
- Built a mock external-service emulator + CRUD web app (Spring Boot + React) to streamline internal development and reduce dependency delays.
- Developed REST endpoints to integrate and normalize SOAP-based external services, simplifying service usage across the platform.
- Added Telegram messaging integration, enhancing notification and communication workflows.

### E-medosmotr Project:

- Built fully responsive UIs using Next.js, Tailwind, and Mantine UI, improving accessibility across desktop & mobile
- Created Playwright E2E test suite, reducing critical user-flow errors to 0% and improving release confidence
- Developed analytics dashboards using Recharts, improving internal bug discovery rate by 20%
- Optimized database queries and document-generation workflows using Drizzle ORM + tRPC, decreasing response times by 40%
- Designed and implemented relational database structures with Drizzle + PostgreSQL migrations, improving data consistency and maintainability.
- Independently developed a secondary web service integrated with the main platform, reaching 20% user adoption
- Mentored two junior developers, providing guidance on implementation, code quality, and best practices

## Technologies

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

**Programming Languages:** JavaScript/TypeScript, Java, SQL, Python

**Frontend:** React, Next.js, TailwindCSS, Mantine UI, shadcn/ui, MUI, Recharts, Redux, Zustand, TanStack Query

**Backend:** Spring Boot, Express, Elysia, Fastify, tRPC, Socket.IO, RabbitMQ

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

**Testing:** Playwright, Jest, JUnit, Mockito

**Tools & DevOps:** AWS, Docker, Nginx, Linux/CLI, Github Actions