

Khayrullo Isomiddinov

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Profile

Computer Science BSc student with strong foundations in software engineering, digital platforms, and backend systems. Hands-on experience building and maintaining production-grade applications, teaching core programming concepts, and delivering independently in international teams. Highly motivated to grow in large-scale digital technology environments.

Education

Eötvös Loránd University (ELTE), Budapest	Sep 2022 – Jun 2026
BSc in Computer Science	GPA: 4.8 / 5.0
Russian Gymnasium No. 40, Namangan, Uzbekistan	Sep 2010 – Jun 2021
High School Diploma	GPA: 5.0 / 5.0

Experience

Object-Oriented Programming Instructor — ELTE, Budapest Sep 2025 – Present

- Teaching Java OOP (labs and lectures) to undergraduate students.
- Explaining core concepts: encapsulation, inheritance, polymorphism, interfaces.
- Designing weekly assignments and practical coding exercises.
- Mentoring students on clean code, debugging, and structured problem solving.
- Coordinating with faculty and grading coursework via Neptun platform.

Web Development Intern — LimeLight Renhold, Oslo Sep 2025 – Dec 2025

- Contributed to production frontend features using React in an agile environment.
- Built reusable components and integrated REST APIs.
- Fixed UI bugs, improved performance, and refactored legacy code.
- Delivered features under tight deadlines while maintaining system stability.

Projects

PeerPrep — Real-Time Study & Event Platform

FastAPI, React, WebSockets, SQLAlchemy, PostgreSQL, Tailwind CSS

- Designed and built a full-stack digital platform for collaborative study sessions and events.
- Implemented real-time communication using WebSockets with vector-clock synchronization.
- Developed a scalable backend with FastAPI, optimized queries, indexing, and caching.
- Built a responsive frontend with efficient state management and data fetching.
- Added user presence, notifications, role-based access, and real-time indicators.

github.com/khayrullo-isomiddinov/PeerPrep

Polaris — Learning Management System

PHP, Laravel, MySQL

- Developed an LMS supporting teachers, students, subjects, and task evaluation.
- Implemented authentication, role-based access, and core academic workflows.

github.com/khayrullo-isomiddinov/polarisLM

Technical Skills

Programming: Java, Python, JavaScript, C, C#, SQL, PHP, Ada

Backend: FastAPI, Spring Boot, Laravel, REST APIs, SQLAlchemy, Maven

Frontend: React, Vite, Tailwind CSS

Databases: PostgreSQL, SQLite, MySQL

Tools: Git, Docker, Linux

Other: JUnit, basic CI/CD concepts, software testing fundamentals, networking basics

Achievements

- Winner of a regional Mathematics Olympiad, demonstrating strong analytical and problem-solving skills.
- Completed Udemy certification in **Spring Boot**, covering REST API development, dependency injection, and project structuring with Maven.