

# 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

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

## Experience

<b>Object-Oriented Programming Instructor</b> — ELTE, Budapest	Sep 2025 – Present
<ul style="list-style-type: none"><li>Teaching Java OOP (labs and lectures) to undergraduate students.</li><li>Explaining core concepts: encapsulation, inheritance, polymorphism, interfaces.</li><li>Designing weekly assignments and practical coding exercises.</li><li>Mentoring students on clean code, debugging, and structured problem solving.</li><li>Coordinating with faculty and grading coursework via Neptun platform.</li></ul>	
<b>Web Development Intern</b> — LimeLight Renhold, Oslo	Sep 2025 – Dec 2025
<ul style="list-style-type: none"><li>Contributed to production frontend features using React in an agile environment.</li><li>Built reusable components and integrated REST APIs.</li><li>Fixed UI bugs, improved performance, and refactored legacy code.</li><li>Delivered features under tight deadlines while maintaining system stability.</li></ul>	

## Projects

### PeerPrep — Real-Time Study & Event Platform

FastAPI, React, WebSockets, SQLModel, 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](https://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](https://github.com/khayrullo-isomiddinov/polarisLM)

## Technical Skills

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

**Backend:** FastAPI, Spring Boot, Laravel, REST APIs, SQLModel, 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.