

# Khayrullo Isomiddinov

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## Education

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### Russian Gymnasium 40

HIGH SCHOOL IN SCHOOL PROGRAM

GPA: 5

### Eötvös Loránd University

BSC IN COMPUTER SCIENCE

GPA: 4.8

Namangan, UZ

Sep 2010 – Jun 2021

Budapest, HU

Sep 2022 – June 2026

## Experience

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### Eötvös Loránd University

Budapest, HU

Sep 2025 – Present

#### OBJECT-ORIENTED PROGRAMMING INSTRUCTOR

- Teaching Java OOP to undergraduates (labs + lectures).
- Explaining core concepts: encapsulation, inheritance, polymorphism, interfaces.
- Designing weekly assignments + practical coding exercises.
- Mentoring students on clean code, debugging, and problem-solving.
- Coordinating with the department to ensure course quality and academic standards
- Grading students on Neptun platform.

### LimeLight

WEB DEVELOPMENT INTERN

Oslo, NO

Sep 2025 – Dec 2025

- Worked on frontend features using React.
- Built reusable components, handled state management, and integrated REST APIs.
- Fixed UI bugs, improved page load times, and refactored legacy code into cleaner, modular structures.
- Shipped features under short deadlines without breaking existing pages.

## Skills

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

**Backend:** FastAPI, Laravel, REST APIs, SQLAlchemy, SQLite/PostgreSQL

**Frontend:** React, Vite, Tailwind CSS

**Tools:** Git, Docker, Linux

**Other:** JUnit, Gherkin, basic automation, CI/CD basics, networking fundamentals

## Projects

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

FastAPI, React, WebSockets, SQLAlchemy, Tailwind CSS

BUILT A FULL-STACK PLATFORM FOR CREATING STUDY GROUPS, EVENTS, AND REAL-TIME CHAT. IMPLEMENTED WEB SOCKETS WITH VECTOR-CLOCK SYNCHRONIZATION FOR MESSAGE ORDERING. DESIGNED A SCALABLE FASTAPI BACKEND WITH SQLMODEL, INDEXING, AND CACHING. BUILT RESPONSIVE REACT UI WITH OPTIMIZED DATA FETCHING + STATE MANAGEMENT. ADDED USER PRESENCE, TYPING INDICATORS, NOTIFICATIONS, AND ROLE-BASED ACCESS.

<https://github.com/khayrullo-isomiddinov/PeerPrep>

### Polaris: Learning Management Platform

PHP Laravel

LEARNING MANAGEMENT-SYSTEM WITH TEACHER, STUDENT, AND TASK MANAGEMENT FUNCTIONALITY. FEATURES INCLUDE AUTHENTICATION, SUBJECT MANAGEMENT, AND TASK EVALUATION.

<https://github.com/khayrullo-isomiddinov/polarisLMS>