

OMURZAK KELDIBEKOV

+996(550)909-505 ◇ Bishkek, Kyrgyzstan

omurzak.keldibek@gmail.com ◇ linkedin.com/in/omurzak-keldibekov/ ◇ github.com/omiaow

EXPERIENCE

Full-Stack Engineer

Melodix Music

May 2024 - Present

Bishkek, Kyrgyzstan

- Designed and implemented a scalable backend architecture using **Node.js**, **Express.js**, and **MongoDB** to support **over 100,000 active users** on **Google Cloud Platform**.
- Optimized API response times to an average of 185ms by integrating Node-Cache for caching and JWT for secure authentication.
- Developed a robust Telegram bot using the **Telegraf Node library**, leveraging MongoDB for data storage, and deployed it on a Virtual Machine.
- Built a responsive frontend application using **React**, incorporating **Telegram Mini App** authentication for a seamless user experience.
- This project was recognized with a **\$15,000 grant from Qubic Blockchain Company** in the Startup Nation Hackathon.

Quality Assurance Engineer (QA)

Whale Cloud Technology Co., Ltd.

January 2023 - April 2024

Budapest, Hungary

- Successfully conducted system integration testing by writing 270 comprehensive test cases, resulting in an increase of up to 30% in test coverage.
- Utilized **Python's Streamlit** module to perform user acceptance testing, ensuring smooth functionality and high-quality performance of the software.
- Collaborated closely with the development team and customers to ensure platform quality, defect identification, and seamless operations.

Big Data Engineer

Whale Cloud Technology Co., Ltd.

January 2023 - August 2023

Budapest, Hungary

- Led the migrations of 56 tables from **Oracle** to **MaxCompute** platform, which completed above 2000 important large scaled data of the project.
- Developed efficient data scripts for the table synchronization, automated server operations with **Bash** scripting.

Web Developer Internship

Eötvös Loránd University, Media and Educational Informatics department

April 2021 – July 2021

Budapest, Hungary

- Created a PHP web surface connecting and scheduling different online activities for over 60 students of TeT lab.

SKILLS

Languages:	JavaScript, TypeScript, Python, Java, C++
Front-End:	React, Angular, HTML, CSS, Bootstrap
Back-End:	Node.js, Express.js, Nginx, RESTful API
Database:	SQL, Oracle SQL, PostgreSQL, MongoDB, Maxcompute (Alibaba Bigdata platform)
Testing:	Jest, Swagger, Streamlit, SoapUI, Postman
Other:	Git, Docker, Linux, Bash/Shell, Web Socket

PROJECTS

Chat Application: Full-stack web application designed for real-time communication, allowing users to engage in random chat sessions with other people on the platform. (**JavaScript, React, Node.js, Express.js, Socket.io, Docker, Nginx**) ([Repo](#))

Flight Search Application: Responsive full-stack web application to find the cheapest flights for one way or multiple directions. Additionally, helps users to organize personalized trips for the selected vacation dates. (**JavaScript, React, Node.js, Express.js, Jest testing framework**) ([Live](#) - [Repo](#))

EDUCATION

Bachelor of Computer Science
Eötvös Loránd University

September 2017 - February 2022
Budapest, Hungary

Relevant courses: Algorithms and data structures, Object oriented programming, Web programming, Principles of software development, Programming languages as C++, Java, JavaScript, Python.

CERTIFICATES

- [Developing Cloud Apps with Node.js and React by IBM.](#)
- [Foundations of User Experience \(UX\) Design by Google.](#)
- [JavaScript Skill Certificate \(Intermediate\)](#) / [React Skill Certificate by HackerRank](#)