

Roza Kassa

Software Engineer

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🌐 <https://www.linkedin.com/in/roza-kassa-593b55243/> 🐙 github.com/rozakassa22 🔗 https://leetcode.com/u/r_235/

🔗 <https://portofolio-azure-alpha.vercel.app/>

🎓 EDUCATION

BSC in Software Engineering, Addis Ababa University

September 2019 – June 2024 | Addis Ababa, Ethiopia

- **Relevant Courses:** Software Security, Machine Learning, Full-stack Software Development, Object Oriented Programming, Data Structures and Algorithms, Cloud Computing, Applied Mathematics, Artificial Intelligence, Software project management, Information retrieval, Emerging Technology

💼 PROFESSIONAL EXPERIENCE

Internship, IcoG Labs Engineering PLC

March 2024 – June 2024 | Addis Ababa, Ethiopia

- I developed and implemented features for the Mindplex Offchain Transaction System, focusing on blockchain integration, authentication, and wallet connections with Django.
- I enhanced the Mindplex Comment Moderation system by categorizing comments and developing prompts for automated moderation.

Internship, Yeha tech Engineering PLC

October 2023 – May 2024 | Remote

- Developed a cinema booking web and mobile application using Next.js and Flutter.

Internship, Kuraz tech Engineering PLC

September 2022 – December 2022 | Addis Ababa, Ethiopia

- Experienced React Frontend Developer leading a team of 10+ members to create responsive interfaces.
- Backend Developer proficient in Node.js, building scalable server-side applications with a team of 4 experts.

🏠 EXTRACURRICULAR ACTIVITIES

Addis Coder, Data Structure And Algorithm Assistant

- Assisted over 100 students in understanding and implementing various data structures and algorithms, providing guidance and support throughout the learning process.

📜 CERTIFICATES

Blockchain Basics , Soft-Skills Certificate , Mathematics for Machine Learning: Linear Algebra , Supervised Machine Learning: Regression and Classification , Neural Networks and Deep Learning , Cloud Security Certificate

🌐 LANGUAGES

English | Tigrigna | Amharic

📁 PROJECTS

Hulu Code, Web Application

- Crafted and constructed a web application similar to LeetCode, for Addis Ababa University freshmen students, enabling students:
 - to practice coding
 - submit solutions
 - take examinations with features for plagiarism detection and grading.
- built a code executor project supporting 7+ frameworks, programming languages and databases.
- Ranked First among all other amazing projects

Omna cinema, Web Application

- Built a cinema booking website with a chatbot using Next.js and Firebase.

Hotel Management System, Web Application

- A comprehensive hotel management system featuring dashboards, room and reservation management, and staff tracking functionalities.

Hakim Hub, Web Application, Mobile Application

- Designed and build the Hakim Hub project, integrating AI-driven chatbot systems for personalized healthcare recommendations.

Employee management system, Mobile Application

- An application for efficient employee data management.
- Streamlined processes using modern technology

🏆 AWARDS

China-Ethiopia Friendship Scholarship Nominee, Addis Ababa Institute of Technology

1st July 2024

- Nominated by Addis Ababa Institute of Technology for the China-Ethiopia Friendship Scholarship based on the capstone project "Plagiarism Detection and Grading System."

🧠 SKILLS

Programming/coding — Java, JavaScript, TypeScript, Dart, C, Python, C++ | **Technologies** — Figma, React, Flutter, Node.js, SpringBoot, MySQL, MongoDB, Blender, Word Press, Firebase, Django | **Soft Skill** — Inter personal skill, Teamwork, Agile development

🤝 VOLUNTARY

Educating Fresh students in Python programming | Community Service (Volunteer)- Member of Charity club