

Yohana Mekuria Tesfaye

Software Engineer

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EDUCATION

Software Engineering

Addis Ababa Science and Technology University

09/2022 – present
Addis Ababa, Ethiopia

Relevant Coursework: Data Structures and Algorithms, Object-Oriented Programming, Operating Systems, Database Management, System Analysis and Design, Computer Graphics, Mobile Computing, Software Design and Architecture.

MSC Software Engineering

Addis Ababa Science and Technology University

10/2024 – present
Addis Ababa, Ethiopia

- Selected from over 50 applicants for the prestigious **Fast Track program**, allowing me to pursue both my **bachelor's** and **master's** degrees **simultaneously**.

PROFESSIONAL EXPERIENCE

Web Developer

Askal Charity Association

11/2024 – present
Addis Ababa, Ethiopia

- Developed the Askal Charity Website using **React.js** with a focus on responsive design and **UI/UX best practices**.
- Implemented a donation page to support contributions for children in need, leveraging **component-based architecture** and **API integration**.

Web Developer

Dynamic Technologies

06/2023 – 10/2023
Addis Ababa, Ethiopia

- Created a high school management system using **Next.js** with efficient routing and server-side rendering and optimized routing.
- Transformed 15+ **Figma designs** into responsive and interactive web interfaces using React.js and Tailwind CSS.
- Collaborated with a cross-functional team of developers, applying **Agile methodologies**.

PROJECTS

Nuclear Energy Website

05/2023

- A website aimed at advocating for nuclear energy using digital tools and interactive platforms.
- Our team Designed and developed this website in just **24 hours**, a project that would typically take **3 weeks** to complete.

Abugida Tutors

03/2023 – 04/2023

- A platform built using **react.js** that bridges university students with parents seeking tutoring services for their children.
- Led the frontend** development team and worked closely with the backend team to ensure seamless **API integration** and functionality.

LEADERSHIP AND EXTRACURRICULAR

Mentor

Software Engineering Mentor At SheCodes and GDG on Campus AASTU

- Mentored **new female software engineering** students in programming fundamentals at Addis Ababa Science and Technology University.
- Mentored over **50 students** in **React** at GDG on Campus.

School Director (Volunteer)

- Volunteered as a school director, managing **over 100 students and 20 teachers**, ensuring smooth operational workflows.

TECHNICAL SKILLS

- Programming Language:** Python | javascript | C++ | java | Dart | Typescript
- Framework and Tools:** React | Next | Tailwind CSS | Flutter | Spring Boot | Figma | Github | MySQL | Firebase |
- Practices:** Agile Development, Responsive Design, UI/UX Design, API Integration, Server-Side Rendering.

AWARD AND CERTIFICATES

- Hackathon Finalist**, GDG: Recognized for placing 3rd out of 20 teams.
- Hackathon Finalist**, The Peoples' Friendship University of Russia, MEPHI: Rewarded for placing 2nd out of 10+ teams.
- Course Completion**, Advanced nodejs: Completed an advanced Node.js course on Udemy.
- Leadership**, institue of international Education: Finished a six-month leadership mentorship program organized by Ethiopia's former president, Sahle-Work Zewde.