

Yohana Mekuria Tesfaye

Software Engineer || Blockchain Developer

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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.

PROFESSIONAL EXPERIENCE

FullStack Developer

Kuriftu Resorts

12/2025 – 01/2026

Addis Ababa, Ethiopia

- Delivered a **full-stack** Gena discount platform. **Integrated** payment systems for ease payment, admin ticket verification, processing **2.5M+ ETB in transactions**.

FrontEnd Developer

Etta Solutions

05/2024 – 08/2025

Addis Ababa, Ethiopia

- redesigned Zmall mini app an **e-commerce** delivery app, integrated it with Dashen Bank; built the **entire frontend**, deployed it **within three months**, and it now handles **several thousand daily users**.

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**.

PROJECTS

Hospitality Hackathon Website

03/2025 – 03/2025

- Collaborated** to develop a website for the ALX first ever Hospitality Hackathon. Contributed to building a **responsive and user-friendly interface**, ensuring optimal performance and maintainability throughout the development process.

Dev Meetup Website

05/2023

- Collaborated with a team of **3** to **develop** the website for the annual Developers Meetup event using **TypeScript**. Our team Designed and developed this website in just **2 Weeks**, a project that would typically take **1-2 months** to complete.

EmmaCare

06/2025 – 07/2025

- AI recommendation engine** that advises based on mothers' vital signs, a **machine-learning** model that predicts blood pressure from SpO2 and heart rate.
- Node.js** backend for telemetry, alerts and secure storage, plus **Arduino firmware** to collect sensor data and stream it in real time. I

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.

President Of Addis Ababa Science and Technology University Charity Club

- Organized **10+ fundraising** events through the creation of engaging and interactive games.
- Managed **60+ Core team** members and **100+ volunteers**.

TECHNICAL SKILLS

- Programming Language:** Python | javascript | C++ | java | Dart | Typescript | Solidarity | Rust
- 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

- Course Completion** 🏆 2025 Digital Innovation Bootcamp: AI & Machine Learning I & II, as part of Handong UNESCO UNITWIN Project.
- 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.