

# 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**.

### Gebeya Technologies 🔗

03/2025 – 04/2025  
Addis Ababa, Ethiopia

- Developed a **mobile app** to display nearby hospitals based on patient test searches.
- Used **Flutter with GPS** and test-matching logic, reducing search time by 40%.

## 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.

### 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.

### 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.
- Grading** 🔗 : contributed as a judge in the She Codes Hackathon, a women's hackathon held across 14 universities with 47 teams.