



FITSUM TESHOME

ELECTRICAL AND COMPUTER ENGINEER

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EDUCATION

Bachelor's Degree (B.Sc.)

Addis Ababa University
2021 - 2025

SKILLS

- Mobile App Development
- Web Development
- Project Management
- Data Analysis
- Teamwork
- Time Management
- Leadership
- Effective Communication
- Critical Thinking

LANGUAGES

- English (Fluent)
- Amharic (Fluent)
- Afan Oromo (Basics)

PROFILE

Electrical and Computer Engineer with a robust foundation in IT and a commitment to continuous learning, currently pursuing a Bachelor of Science degree from Addis Ababa University. Possesses a strong skill set in IT support, mobile application development, and web development, driving innovative solutions and effective problem-solving and project management capabilities, ensuring seamless user experiences and system reliability. Passionate about leveraging technology to enhance operational efficiency and contribute to impactful projects.

WORK EXPERIENCE

- Commercial Bank of Ethiopia**
IS support Engineer OCTOBER 2024 - FEBRUARY 2025
 - providing technical support for information systems and ensuring optimal performance of IT infrastructure.
 - Diagnosing and troubleshooting various hardware and software issues.
 - Network installations in new branches.
 - Collaborating with the IT team is essential to implement updates and security measures, enhancing overall system reliability.
- Ministry of Innovation and Technology**
Drone Designing and Assembly October 2024 - February 2025
 - Designed and assembled drones for geographical data collection in agriculture.
 - Conducted testing and quality assurance of drone systems for data accuracy.
 - Analyzed data collected to inform agricultural improvements.
 - Documented technical specifications and project progress for reviewers.
- Development of Fitness tracking website**
Database Management and Frontend development
 - Develop a full-stack website designed to track daily physical workouts. Monitor and review daily, weekly, and monthly calorie usage and loss in relation to various types of exercises.

CERTIFICATIONS

Android Developer Fundamentals

Udacity

2024-11-07

Data Analysis Fundamentals

Udacity

2024-11-18

Programming fundamentals

Udacity

2024-10-17

Artificial Intelligence Fundamentals

Udacity

2025-11-14

Python Data structure

Coursera, University Of Michigan

2023-05-29

Using Python to Access Web Data

Coursera, University Of Michigan

2024-03-06

INTERNSHIPS

- IS support Engineer at Commercial Bank Of Ethiopia, Addis Ababa
- Drone designing and assembly at Ministry of Innovation and Technology

PROJECTS

Assistive Mobile app

- Developing an assistive mobile app which uses mobile camera to detect obstacles and responding sound outputs.
- integrated with map to assist navigation of visually impaired and people with visual constraints by using trained Machine Learning model.

Awra game development

- Developed with team dedicated for software engineering course project.
- A Level separated game which started with the life activities of Ethiopian child hood activities and goes through all age level activities as a game.

Music Manager web app

- A web app that used to store persons favorite songs based on the kind of divisions of songs.
- Makes the user to store, update and delete songs on the database dedicated for the user and see recommended songs and albums to add on the favorite stores.

Light sensitive street light

- Designed and implemented a smart street lighting system using a processor with an AMD controller.
- The system integrates light-sensitive sensors that automatically switch the street lights on or off based on ambient light levels.
- The sensors use threshold values to determine whether the environment is considered dark or bright, enabling the processor to evaluate these inputs and control the lights accordingly.
- Developed and tested the system using Proteus simulation software to validate functionality and performance

HOBIES

- Sports
- Voluntary activities
- Reading Fiction books
- Brain Storming Discussions
- History and Politics

EXTRA-CURRICULAR ACTIVITIES

- voluntary at Bore Sub City Administration, Bore Sub City
- Summer Tutoring and Mentoring at elementary schools
- Religious Community