

ABENEZER TEKETEL ESTIFANOS

Electrical and Computer Enginner

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 Portfolio  Ethiopian  21/04/2004  EQ2405226  Github

SUMMARY

Electrical & Computer Engineering graduate (AASTU, 2026) and Full-stack developer. Experienced in building scalable web apps, IoT, tracking, ERP, and inventory systems with clean architecture. Passionate about continuous learning and delivering real-world impact

PROFESSIONAL EXPERIENCE

Academic Project Team Member – Final Year Thesis

09/2025 – 06/2026

Addis Ababa Science and Technology University (AASTU) | Addis Ababa, Ethiopia

Addis Ababa, Ethiopia

- Real-time bus tracker (React Native/Express/Firebase/Socket.IO) streaming GPS, speed, temp to all roles.
- Role dashboards: admin (attendance/routes/payments/analytics), driver (alerts), parent (tracking + child mgmt).

Fullstack Developer

04/2025 – 04/2026

Skill-Bridge Institute of Techonology

Remotly

- Built scalable, production-ready inventory system (end-to-end)
- Engineered secure Express/PostgreSQL REST APIs ensuring data integrity.
- Created server-rendered React UIs with reusable components & optimized backend.

Academic Project Team Leader – Integrated Engineering Team Project (IETP)

09/2025 – 12/2025

Addis Ababa Science and Technology University (AASTU) | Addis Ababa, Ethiopia

Addis Ababa, Ethiopia

- Led team to build autonomous self-driving car prototype.
- Engineered hybrid solar-kinetic energy system for continuous operation.

Electrical Engineering Intern – Graduate Trainee, Fixed and Access Network

07/2025 – 09/2025

Ethio Telecom

Addis Ababa, Ethiopia

- Hands-on with fixed and access network infrastructure.
- Installed, maintained, and troubleshot network equipment and cabling.

Academic Project Team Member – Interdisciplinary Design Project (IDP)

01/2025 – 05/2025

Addis Ababa Science and Technology University (AASTU) | Addis Ababa, Ethiopia

Addis Ababa, Ethiopia

- Built multi-domain radar system with object detection and ranging.
- Applicable to communication, military, and aviation sectors.

Backend Developer Trainee

09/2024 – 05/2025

Google Developer Student Club (GDSC)

Addis Ababa, Ethiopia

- Designed scalable APIs, routes, and DB for Visit Addis backend.
- Active in open-source contributions and hackathons.

EDUCATION

Bachelor of Science in Electrical and Computer Engineering

09/2022 – 06/2026

Addis Ababa Science and Technology University (AASTU) | Addis Ababa, Ethiopia

Addis Ababa, Ethiopia

Specialized in Communication Engineering; coursework: Java, C++, DSA, DB design, networking, comms systems.

PROJECTS

Real-Time School Bus Tracking System

09/2025 – 06/2026

React Native | ESP32 | GPS | Express.js | Firebase | Socket.IO | Google Maps

Full-stack IoT bus tracking: live GPS/speed/temp for parent/driver/admin apps, plus attendance, routes, payments, alerts, and live maps.

Multi-Domain Radar System <i>Signal Processing Embedded Systems Electromagnetic Engineering</i> Designed radar system with object detection and ranging for comms, military, and aviation.	01/2025 – 05/2025
Autonomous Self-Driving Car with Hybrid Energy System <i>Embedded Systems Sensor Fusion Solar Energy Kinetic Energy Harvesting</i>	09/2024 – 01/2025
Visit Addis – City Exploration Platform <i>Node.js Express.js PostgreSQL React TanStack Query Shadcn UI Tailwind CSS</i> Full-stack city tourism platform: REST API for destinations/events + React Query/TanStack/Tailwind frontend for high-performance UX.	09/2024 – 01/2025

SKILLS

Languages JavaScript, Python, Java,C++	Frameworks React, React Native, Node.js, Express.js, SvelteKit, Firebase, GraphQL
Databases PostgreSQL, MongoDB	Tools Git, GitHub, VS Code, Postman

CERTIFICATES

Fullstack Developer Certificate  Skill-Bridge Institute of Technology	Node.js Certification  Google Developer Student Club (GDSC)
5 Million Coders Certification 	GDSC Activities and Collaboration Certificate 

LANGUAGES

English Advanced (Professional Working Proficiency)	Amharic Native
Kembatissa Intermediate	