

Abel Tesfa Awel Software Engineer

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PROFILE

Software Engineering student at Addis Ababa University with strong backend expertise in **Node.js, TypeScript, NestJS, and Express.js, Go(Gin)**. Experienced in building scalable RESTful APIs, authentication systems, and optimized backend services. Committed to writing clean, efficient code and delivering production-ready software solutions.

PROFESSIONAL EXPERIENCE

Backend Developer Intern

Gulit MarketPlace

06/2025 – 10/2025
Addis Ababa, Ethiopia

- **Designed, implemented, and maintained robust RESTful APIs** for product management, enabling seamless creation, retrieval, update, and deletion of **over 1,000 products** using **Node.js** and **TypeScript**.
- **Optimized API performance** with pagination and query enhancements, reducing average response times by **35%** and supporting **5,000+ concurrent users** efficiently.
- **Implemented email notifications** using **Nodemailer** for account verification, password resets, and transactional communications, sending **10,000+ emails** reliably.
- Built and managed **product and seller rating systems**, increasing user engagement by **20%** through feedback aggregation and recommendations.

Full Stack Developer Intern

Alta Counseling

03/2025 – 05/2025
Addis Ababa, Ethiopia

- Implemented **user authentication and authorization**, managing **200+ counselor and client accounts** with role-based access control.
- Optimized application performance, reducing **page load time by 40%** through **efficient state management and code refactoring**.
- Deployed and monitored the application on **Vercel**, ensuring **99.9% uptime** and smooth updates across environments.

PROJECTS

Sheba Green

Environmental Tech Project

02/2025 – Present

A sustainability platform that enables users to **record, verify, and share environmental cleanup activities** while earning rewards for verified contributions, promoting eco-conscious engagement.

Bayabooks

Online BookStore Platform

03/2025 – 07/2025

A web-based bookstore that allows users to **browse, search, and filter books**, manage orders, and interact with product ratings and reviews. Designed to **enhance user experience and streamline book management** for both customers and administrators.

SKILLS

Languages: TypeScript, JavaScript, Go, Python, Java, Dart

Framework/Libraries: Nest.js, Express.js, Django, Gin (Go), Next.js, Tailwind CSS, React.js

Database: PostgreSQL, MySQL, MongoDB

Tools: Git, Vim, Docker, AWS, Render, Vercel

EDUCATION

Bachelor in Software Engineering

Addis Ababa University 

09/2022 – Present
Addis Ababa, Ethiopia

- One of the **top universities in East Africa**, renowned for its academic excellence and research contributions.
- **CGPA:** 3.96
- **Relevant Coursework:** Operating Systems, Database Systems, Artificial Intelligence, Web Development, Software Design, Machine Learning

Backend Development(Go) and DSA

A2SV 

09/2025 – 11/2025
Addis Ababa, Ethiopia

- **A2SV (backed by Google)** is a non-profit tech academy and incubator that has trained 1,000+ software developers, 100+ of whom have been offered full-time positions at top tech.
- Completed a **year-long competitive programming training**, solving 500+ problems on **LeetCode** and **Codeforces** combined.