

# Jiru Gutema


## Software Engineer | Fullstack Developer

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### EDUCATION

**Addis Ababa University**, Bsc in Software Engineering  01/2023 – 09/2027 | Addis Ababa, Ethiopia

- CGPA: 3.73/4.0
- Relevant Coursework: Data Structures and Algorithms, Operating System, Computer Architecture, Object Oriented Programming, Software Development, Distributed System, Enterprise Application Development, System Design

**African to Silican Valley**, Coding Academy (backed by google)  01/2025 – 01/2026 | Addis Ababa, Ethiopia

- Relevant Coursework: Advanced Data structures and Algorithms (Graph and Tree Algorithms, Dynamic Programming, Advanced String Algorithms)

### PROFESSIONAL EXPERIENCE

**Gulit Marketplace**, Backend Developer 05/2025 – Present | Addis Ababa, Ethiopia

- Architected and developed the backend for a full-stack e-commerce platform using **Express.js**, **Prisma**, and **PostgreSQL**, enabling seamless user and product management.
- Designed and secured RESTful APIs for authentication, order processing, and product operations, reducing response time by **20%** through query optimization and redis caching.
- Integrated payment gateways and frontend interfaces, ensuring **99.9% uptime** and smooth transaction flow.
- Implemented database indexing and query optimization to support **scalability for 10K+ active users**.


**Ethioware**, Backend Developer (Expressjs)

- Refactored and modernized the backend of the company's education platform, improving API reliability and performance.
- Built RESTful endpoints and data models with **Express.js** and **MongoDB**, enhancing content delivery and student interaction.
- Collaborated with frontend and design teams to deliver faster page loads and better UX, improving course access speed by **15%**.
- Wrote reusable backend modules and integrated logging/monitoring tools to streamline debugging and performance tracking.

### PROJECTS

**Email Craft**, A fullstack email composer application  06/2025 – Present

- A web-based tool built with **Nestjs**, **Nextjs** and **Postgress** that enables developers and professionals to design **responsive, visually appealing HTML emails** with ease. Features an **intuitive real-time editor**, **live previews**, and a library of **customizable professional templates**, helping users **streamline communication**, **improve readability**, and **boost recipient engagement**.

**Page Marker**, A simple Firefox extension that lets you draw, annotate, and highlight directly on any webpage.  09/2024 – 01/2025

- A lightweight Firefox extension that lets users **draw, highlight, and annotate directly on webpages** using the **HTML5 Canvas API** and **WebExtensions**. Gained **100+ users within two months**, enhancing productivity with seamless in-browser note-taking.

### CONTRIBUTIONS

**db4free-net-110n**, free online db host platform  02/2025

- Contributed to a project by adding a Afaan Oromoo Translation pool for Afaan Oromoo.

### SKILLS

Linux (advanced), React, Nextjs, Expressjs, Nestjs, Python, Go, Java (OOP), Flutter, DSA, Relational Databases

### LANGUAGES

English-Fluent. Ahmaric-Fluent. Afaan-Oromoo-Native