

Melal F

 Ethiopia |  ET | 0934391915 |  melalfeyisa00@gmail.com |  [GitHub](#)

Professional Summary

Motivated and adaptable full stack developer with internship experience building a real-time auction system using Go (Gin), Node.js, and PostgreSQL. Strong background in front-end development and growing expertise in backend systems, notification architecture, and database management. Proven ability to work collaboratively in remote environments, deliver practical solutions, and continuously learn to bridge the front-end and back-end gap.

Technical Skills

Languages & Frameworks: Go (Gin), Node.js, JavaScript, TypeScript, HTML, CSS

Databases: PostgreSQL

Tools & Platforms: Postman, Git, WebSocket, VMware

Other: REST APIs, Email Integration, Real-time Notification Systems, Remote Collaboration

Professional Experience

Backend Developer Intern — *[Company Name] (Remote)*

June 2024 – September 2024

- Developed key modules of a full-featured auction system including bidding, product feedback, and real-time notifications.
- Implemented in-app and email notifications using WebSockets and Go, with real-time bid updates and winner announcements.
- Designed and managed PostgreSQL databases and tested endpoints using Postman.
- Adapted to a remote work environment, proactively overcoming communication barriers and optimizing team coordination.

Projects

Real-Time Auction System

Developed a live auction platform featuring dynamic bidding, feedback handling, and notification mechanisms.

- Used Go Gin framework for the backend API, PostgreSQL for data storage, and WebSockets for real-time communication.
- Designed notification logic without schema modifications for performance optimization.
- Integrated email service to inform winners about their bids and winning amounts.

Languages

- English (Fluent)
- Amharic (Native)