Eyuel Gebreselassie

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OBJECTIVE

Software Engineer with a focus on building scalable web and mobile ecosystems. Experienced in leading cross-functional teams and delivering high-impact solutions using Django, Flutter, and Cloud Firestore. Proven ability to manage the full software development lifecycle, from API design to real-time frontend synchronization.

EDUCATION

Addis Ababa Science and Technology University   **Addis Ababa, Ethiopia**
Bachelor of Science in Software Engineering   *Expected Graduation, June 2027*

- **GPA:** 3.54/4.00
- **Related Coursework:** Data Structures & Algorithms, Computer Organization & Programming, Operating System, Machine Learning, Artificial Intelligence, Object-Oriented Programming, Statistics & Applications, Mobile Programing

TECHNICAL SKILLS

- **Languages**: Python, Dart, Java, C++, JavaScript, HTML, CSS, PHP
- **Frameworks**: Django, Flutter
- **Databases**: MySQL, SQLite, NoSql(Firebase)
- **Tools & Tech**: Git, REST APIs, Firebase Auth, Firestore
- **Project Management**: Team Leadership, Agile Development, Capstone Planning
- **Soft Skills**: Collaboration, Problem-Solving, Communication, Leadership

PROJECTS & EXPERIENCE

Reunite Hub   **Google Development Group (GDG)**
Team Lead

- Led development of a full-stack web app to reunite individuals separated due to conflict or displacement.
- Designed backend APIs with Django and Flask; integrated frontend with React and managed SQLite database.
- Coordinated a 9-person team, ensuring successful planning, development, and testing cycles.
- Earned positive recognition from GDG mentors for technical execution and community relevance.

NeighborShare   **Personal Project**
Developer

- Developed a hyper-local peer-to-peer rental marketplace using Flutter and Firebase, enabling users to share tools and services within specific sub cities.
- Architected a real-time backend using Cloud Firestore for instant synchronization of listing.
- Designed a context-aware UI that differentiates between owner and requester views, featuring a custom request-and-notification workflow.

SmartHelmet IoT   **Personal Project**
Developer

- Architected a full-stack IoT ecosystem to monitor worker vitals and environmental hazards in real-time.
- Engineered a low-latency WebSocket server on an ESP32 (Port 81) to achieve sub-second data synchronization between the hardware "edge" and the Flutter mobile client.
- Developed a reactive Flutter dashboard using asynchronous Streams to decode JSON packets and manage complex UI states (Safe/Danger/Error) based on real-time sensor fusion.

ACHIEVEMENTS & CERTIFICATIONS

- Backend Development Certificate – ALX
- Django Framework Training Certificate – Google Developer Group