

# Teklu Moges

✉ tekumo.jembere@gmail.com ☎ +251900423958 📍 Addis Ababa, Ethiopia 🐙 Github 🔗 LinkedIn

## Education

- Bachelor of Science in Software Engineering**, *Addis Ababa Science and Technology University* 📍 Addis Ababa, Ethiopia
- Relevant Courses: Data Structures and Algorithms, Object oriented programming, Software Requirements Engineering, Database Systems, Operating Systems, distributed systems
- Africa to Silicon Valley**, *Coding Academy ( Backed by Google )* 📍 Addis Ababa, Ethiopia
- A2SV is a non-profit organization that upskills high potential african students and placed 60+ students in leading tech companies like Google and bloomberg.
  - Solved 1,211+ problems on LeetCode 📍 and Codeforces 📍
  - focusing on data structures and algorithms.
  - Relevant Coursework: Advanced Data structures and Algorithms (Graph Theory, Dynamic Programming)

## Professional Experience

- Full Stack Developer**, *Utorify* 📍 01/2024 – 08/2025  
Texas, USA
- Architected scalable backend systems with **Golang (Gin)** and **Python** for **10+ microservices** on Utorify's platform, increasing system uptime to 99.99% and reducing average latency by 10ms.
  - Designed and implemented containerized deployments with **Docker** and orchestrated **10+ microservices** across **Kubernetes clusters**, reducing deployment time by **70%**.
  - Integrated **RabbitMQ** for efficient message queuing and asynchronous processing.
  - Engineered comprehensive **monitoring dashboards** using **Grafana** and **Prometheus** for 10+ microservices, decreasing mean time to recovery (MTTR) by 50%.
- AI Backend Engineer**, *Stealth Startup* 📍 12/2024 – 02/2025  
San Francisco, USA
- Integrated **AI solutions** into applications, enabling seamless automation and intelligent workflows.
  - Spearheaded the implementation of **LLM-based function calling**, resulting in a 12% reduction in response latency by optimizing **prompt engineering** and improving error handling protocols.
  - Leveraged **Google Cloud Platform (GCP)** for scalable AI infrastructure, ensuring reliability and efficiency.
- Full Stack Developer**, *Thadda* 📍 02/2025 – 08/2025  
Riyadh,SAU
- Architected and launched a high-performance backend server using **Node.js**, achieving a capacity of 1200 requests per second (RPS) while adhering to stringent reliability benchmarks.
  - Designed and managed cloud infrastructure on **AWS**, optimizing deployments for cost efficiency and reliability.
  - Configured **Backblaze cloud storage** as a backup, secure, and efficient file handling solution, improving system scalability and reliability.
  - Improved system performance by 50% through database operation optimization.
- Backend Developer**, *Eskalate LLC* 📍 06/2022 – 09/2024  
Addis Ababa, Ethiopia
- Served as both **team leader** and **core developer**, guiding a team of 4 developers in creating a secure, role-based API using **Go** and the **Gin** framework.
  - Developed 3 scalable backend applications using Go and the Gin framework, applying Clean Architecture principles to ensure maintainable, testable, and scalable code.
  - **Integrated AI solutions** using GEMINI's API, enabling a chatbot for natural language processing, which improved user engagement with real-time responses.
  - **Achieved** 90% test coverage through comprehensive unit testing, enhancing code reliability and stability.

## LEADERSHIP AND EXTRACURRICULAR

- Team Lead**, *Felagi* 📍 07/2024 – 09/2024  
Addis Ababa, Ethiopia
- Managed communication and collaboration among 15 developers on a freelancing platform project, fostering a culture of transparency and efficiency. Streamlined workflows, resulting in a 25% decrease in development cycle time, enabling faster feature releases and improving platform scalability through the use of **Agile methodology** and **Jira** for project management.

## TECHNICAL SKILLS

**Programming Languages:** GoLang | Python | TypeScript | C++ | Java | JavaScript   **Databases:** PostgreSQL | MongoDB | MySql | Redis  
**Frameworks & Libraries :** Gin | Next.js | React.js | Node.js | Express.js | Springboot   **Tools & Platforms:** Git | Docker | kubernetes