

Teklu Moges

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Education

Bachelor of Science in Software Engineering , <i>Addis Ababa Science and Technology University</i>	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 , <i>Coding Academy (Backed by Google)</i>	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 , <i>Utorify</i>	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 , <i>Stealth Startup</i>	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 , <i>Thadda</i>	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 , <i>Eskalate LLC</i>	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 , <i>Felagi</i>	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