

Firaol Bulo

Senior Software Engineer

SUMMARY

Software Engineer with expertise in competitive programming, solving 1000+ problems on LeetCode/Codeforce, and demonstrated experience in architecting full-stack applications. Proficient in backend development with Python and Node.js, also skilled in mobile app development using Flutter. Track record includes developing high-performance RESTful APIs that handle 50K+ daily requests and implementing scalable FastAPI backends. Bachelor of Science in progress with a focus on software architecture, AI/ML systems from Adama Science and Technology University. Achievements include ranking 8th in ETCP National Finals among 200+ teams and excelling in core programming languages and software development methodologies.

TECHNICAL SKILLS

Main Technical Skills	Python, TypeScript, Architecture and Design Patterns
Programming Languages	Python, TypeScript
Python Frameworks	FastAPI
Mobile Frameworks and Libraries	Flutter
JavaScript Frameworks	Node.js, React
Methodologies, Paradigms and Patterns	Architecture and Design Patterns
SDK / API and Integrations	FastAPI

WORK EXPERIENCE

Backend Developer, RESTful API Development

Duration: 06/2025 – Present

Summary:

- Engineered high-performance RESTful APIs using Node.js and MongoDB, serving 50K+ requests daily, reducing latency by 40%, optimizing database queries, implementing caching strategies, and improving API response times
- Developed a Flutter e-commerce app with a full shopping workflow, engineered a modular architecture with reusable components, optimized app performance, and improved team velocity through Agile processes and rigorous code reviews.
- Full app development cycle, performance optimization, modular architecture design, Agile process management.



Technologies: Flutter
Hakim Hub Healthcare Management Platform

Education

- **Bachelor of Science**

Core Focus: Software architecture, AI/ML systems, and full-stack development principles. University Top Performer: Ranked in top 6 among all Software Engineering students for technical excellence. CSEC: Competed in 10+ university coding competitions, enhancing algorithmic problem-solving and collaborative coding skills.
2022 – Present

CERTIFICATION

- **African to Silicon Valley**

Selected from 1,000+ applicants for prestigious software engineering program (2% acceptance rate). Mastering advanced data structures, algorithms, and full-stack development through intensive project-based curriculum. Building production-ready applications using modern tech stack with emphasis on scalable system design.
12/2023 – 10/2025

