

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 ETCPC National Finals among 200+ teams and excelling in core programming languages and software development methodologies.

TECHNICAL SKILLS

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| 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

