

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

### TECHNICAL SKILLS

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

