

CONTACT

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SKILLS

Tech Stack

Python, JavaScript (TS), Java, C++, SQL, .NET Core, FastAPI, Vue.js

AI & ML

LangChain, RAG, PyTorch, Stable Diffusion, NLP, OpenAI API, TensorFlow

Cloud & Infrastructure

AWS (EC2, S3), Docker, CI/CD Pipelines, Firebase, GCP, Microservices

SOFT SKILLS

Technical Communication, Agile Collaboration, Team Leadership, Time Management

PROVEN IMPACT

National Rank #140

Top 0.02% of 700k students in Ethiopia Entrance Exam.

\$10,000 Prize Earnings

1st Place in two A2SV Hackathons judged by MIT Faculty jury.

Top Rated Plus

Verified top 3% of talent on Upwork representing elite status.

SAMUEL ABATNEH

SOFTWARE ENGINEER

Software Engineer with 4+ years of experience building scalable backend services, RAG systems, and high-performance interfaces. Proven record of managing production AI deployments and designing systems benchmarked for high-concurrency traffic. Collaborative team player experienced in Agile environments.

WORK EXPERIENCE

Freelance Software Engineer

Jan 2024 – Present

Upwork (Top Rated Plus)

- Architected distributed backend systems benchmarked to support 10,000 concurrent users via load testing (Locust).
- Re-engineered AWS infrastructure and DB design, achieving a 10x performance increase (30s to <300ms response times).
- Leveraged GPU-accelerated computing and containerization to optimize high-throughput AI inference pipelines.
- Deployed blue-green deployment strategies to ensure 99.9% service availability for production enterprise applications.
- Implemented multi-provider LLM redundancy via LangChain, resulting in near-zero service interruptions.
- Led backend development for Ivy Influencer app, scaling to support 12,000+ downloads.

Developer & Assistant Instructor

Nov 2021 – Nov 2023

Africa to Silicon Valley (A2SV)

- Led the Atrons Digital Library (1st Place), building an offline-first synchronization engine.
- Refined a real-time ride-sharing backend using .NET Core; optimized for 1,000+ concurrent matches.
- Drove a 20% surge in student acceptances at FAANG and top-tier global tech companies via DSA coaching.
- Ranked in top 6% of active solvers on LeetCode and Codeforces, solving 1,000+ algorithmic challenges.

EDUCATION & TRAINING

B.Sc. in Software Engineering

Oct 2019 – Jun 2024

Addis Ababa University | GPA: 3.54 / 4.00

University Ranking: #1 in East Africa and #13 in Sub-Saharan Africa (QS World Rankings).
Relevant Coursework: Distributed Systems, Machine Learning, Advanced Algorithms, Backend Dev, Computer Networks, Operating Systems, Database Management.

Advanced Coding Academy

Nov 2021 – Nov 2022

Africa to Silicon Valley (A2SV)

A talent incubator where students achieve a 75% Google offer rate (Full-time/Internship), specialized in Silicon Valley placements.
Relevant Coursework: Advanced DSA, Backend Dev, Technical Communication.