

Amanuel T. Wondim

Software and Cyber Security Engineer

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PROFILE

Software Engineer and Cybersecurity Specialist focused on system and application security. Proficient in Java, C++, and Python, with experience in performance optimization. Experienced in applying AI for task automation, decision-making systems, and intelligent data processing. Interested in automation to improve processes in trade, finance integration, cloud computing, and system administration. Enjoys exploring blockchain technology as a hobby.

EDUCATION

Software and Cyber Security Engineering
Addis Ababa University

09/2021 – 2025
Addis Ababa, Ethiopia

African to Silicon Valley (A2SV)

I was a trainee at A2SV (backed by Google), where I specialized in data structures, algorithms, and competitive programming.

11/2023 – 08/2024
Addis Ababa, Ethiopia

PROFESSIONAL EXPERIENCE

Full Stack Developer

Howard Miller® & Hekman® Furnishings

Currently working as a Full Stack Developer and System Administrator at Howard Miller Marketing, managing both application development and infrastructure operations.

2024 – Present
Remote, United States

Back End Developer

HeyMilo AI

Specialized in Back-End Web Development and Applicant Tracking Systems (ATS), with a focus on building scalable server-side applications, integrating third-party APIs, and automating recruitment workflows for efficient candidate management.

05/2025 – Present
Remote, United States

Automation Engineer

ZZ Capital Management, LLC

I worked as a Trading Management Automation Engineer at ZZ Capital Management, LLC, building systems to automate trade tracking, and reporting.

11/2024 – 03/2024
Remote, United States

Backend Developer

African to Silicon Valley (A2SV)

I interned at Eskalate, a software development and outsourcing company in Addis Ababa, where I served as the lead developer focusing on backend development. I led a team of three developers in building an AI-powered blog website.

2024 – 02/2025
Addis Ababa, Ethiopia

React Developer

NextLevel Tech

As a React Developer at NextLevel Tech, I specialize in building dynamic and responsive web applications. My role involves collaborating with cross-functional teams to design and implement user-friendly interfaces, optimizing application performance, and ensuring seamless user experiences.

01/2024 – 05/2024
Addis Ababa, Ethiopia

Cloud Computing Intern

I completed an internship as a Cloud Computing Security Intern at a local data center.

10/2024 – 02/2025
Addis Ababa, Ethiopia

SKILLS

Full stack development

- Building robust and scalable backend systems, database integration (SQL/NoSQL), Python, Java, Javascript, Django, Flask, Reactjs, Nextjs,
- Containerization (Docker, Kubernetes)

Cloud Computing

- IaaS (AWS, Azure), cloud orchestration, and automation (Terraform, Ansible)
- Serverless architectures and microservices
- Cloud security and compliance (IAM, security groups, auditing)

Application Security

- OWASP Top 10 vulnerabilities
- Code audits, static/dynamic analysis, security patching, and updates.

System Administration

- Linux sys admin, automation with Bash, Python, and Ansible
- Virtualization (VMware, Hyper-V)
- Backup and disaster recovery planning

PROJECTS

TriangularArbitrageBot

A crypto arbitrage bot in development, almost 50 % done, that scans multiple exchanges for arbitrage opportunities.

09/2024 – present

Trading Bots

I have suite of bots designed to identify trading opportunities in the crypto space, including:

- ML Trading Bots: Currently in development, leveraging ML algorithms to optimize trading strategies.
- Copy Trading Bot: Completed and ready to copy trade. The bot is 90% accurate in copying what the best traders are doing with some misses.

07/2024 – present

DevScrape

A Nestjs and React Project

DevScrape was a project designed to scrape data from social media, analyzing trends to provide over 10 software development project ideas per day. Inspired by a class assignment, it aimed to help users discover relevant projects. However, the project was ultimately discontinued due to the introduction of an API payment structure.

10/2023 – 01/2023