





Masresha Alemu


Software Engineer

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EDUCATION

Bachelor of Science in Computer Science

- Unity Universtiry | 2021-2025

CERTIFICATIONS

- Software Engineering
- Back-End Development
- Machine Learning (In Progress)
- Foundation Leadership






TECHNICAL SKILLS

- Programming Languages: Python, JavaScript, SQL
 - Backend Development: Flask, Django, Node.js (Express)
 - Frontend & Mobile Development: React Native, Next.js, Android
 - Databases: SQL, Oracle, MongoDB
 - Automation & Workflow Integration: n8n, Make.com
- Cybersecurity: Ethical Hacking, Data Integrity
 - DevOps & Optimization: Database Optimization, Performance Tuning
 - Marketing & Outreach Tools: Image Outreach, HubSpot, Instantly, Zapmail
 - Data Scraping & Web Automation: Scrapy, Selenium, BeautifulSoup, Puppeteer
 - Machine Learning & AI: TensorFlow, OpenCV

PROFILE

Results-driven software engineer with 2+ years of experience in mobile app development, web app development, AI integration, and cybersecurity. Successfully completed 15+ projects, including 10+ large-scale applications, with international and local experience in remote and onsite roles.

WORK EXPERIENCE

Wingy Organization (Remote)	 Morocco	2025
E-commerce Delivery Mobile App Developer		
Developed an e-commerce delivery mobile app using React Native, focusing on enhancing the user interface and optimizing the user experience. Collaborated with a remote team to integrate backend systems and APIs, ensuring seamless functionality and efficient data flow.		
Addis Financial Remote	 USA	2025
email outreach and automation		
<ul style="list-style-type: none">Integrated machine learning models into back-end systems to enhance AI-driven financial solutions.Optimized data processing pipelines for improved real-time decision-making in financial transactions.Developed secure APIs and automated workflows for seamless ML model deployment.		
Nilesync Remote	 Poland	2025
Full Stack Developer		
<ul style="list-style-type: none">Built and maintained scalable web applications, managing both front-end and back-end components.Utilized FaNext.js stAPI, and FastAPI to deliver high-performance applications.Improved system efficiency through database optimization and API development.		
AI Interview Project Remote	 Kenya	2025
AI-Powered Website Vulnerability Scanner Website		
<ul style="list-style-type: none">Developed an AI-powered interview assistant, leveraging natural language processing (NLP) for real-time feedback.Integrated the system with Microsoft Teams for seamless video-based AI-driven interviews.		
AI & Cybersecurity Engineer Remote	 Remote	2024-2025
AI-Powered Security Scanner		
<ul style="list-style-type: none">Developed an AI-driven vulnerability scanner to detect security flaws in web applications.Implemented SQL injection detection using trained machine learning models to prevent database breaches.Designed an API-based attack recognition system that detects and mitigates DDoS attacks in real-time.		