





# 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 40+ projects, including 10+ large-scale applications, with international and local experience in remote and onsite roles.

## WORK EXPERIENCE

<b>Wingy Organization</b> (Remote)	 Morocco	2024
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.		
<b>DOWA SHAWO Coffee Export</b> (Hybrid)	 Ethiopia	2023-2024
email outreach and automation		
An email outreach and automation project focused on managing server-side operations for DOWASHAWO Coffee Export Organization. The project enhanced communication efficiency and automated client outreach processes for the coffee export business in Ethiopia.		
<b>A2SV and Startup</b> (Remote)		2023 - 2024
AI-Powered Amharic Sign Language Translation App		
Led the development of an AI-driven application that translated Amharic sign language into text and voice in real-time, utilizing advanced frameworks like Flask, OpenCV, and TensorFlow to enhance video translation, integrate with Zoom, and provide adaptive learning features, significantly improving accessibility for Amharic-speaking communities.		
<b>AI-Powered Website Vulnerability Scanner</b> (Remote)	 India	2024
AI-Powered Website Vulnerability Scanner Website		
Developed an AI-powered vulnerability scanning website utilizing advanced techniques like port scanning, OS detection, and SSL/TLS checks. Integrated Nmap Scripting Engine for security assessments, malware detection, and multi-host scanning.		
<b>AI Chatbot</b> (Remote)	 India	2025
AI Chatbot website		
A fully integrated AI chatbot capable of handling customer support, automating responses, and engaging in human-like conversations using natural language processing.		