





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
- 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, LLM automation

PROFILE

Results-driven Software Engineer with 2+ years of hands-on experience in backend and mobile app development. Proficient in MERN stack, Django, Python, and machine learning. Proven ability to design scalable systems with Flask, OpenCV, and TensorFlow, ensuring data security and integrity. Adept problem-solver and collaborative team player committed to continuous learning and delivering innovative solutions.

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.

Agents4Hire | Remote


 USA

2025

AI Agent & ML Back-End Development

- Integrated machine learning models into back-end systems to enable AI-driven task automation through intelligent agents.
- Optimized data processing pipelines to support real-time decision-making and autonomous task execution.
- Developed secure APIs and automated workflows for seamless deployment of ML and LLM-based agents in production environments.

Nilesync | Remote


 Poland

2025

Full Stack Developer

- 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.

Sapiens AI | Remote


 Kenya

2025

HR AI Interview Platform

- Built an AI interview assistant using NLP for real-time feedback.
- Integrated the system with Microsoft Teams for automated video interviews.
- Contributed to front-end and ML model development.

AI & Cybersecurity Engineer | Remote

 Remote

2024-2025

AI-Powered Security Scanner

- 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.