





# 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 3+ 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

**Meta AI (via vendor contract) | Remote**


 remote

2025

**Machine Learning Data Annotation – Amharic OCR**

- Annotated and validated OCR-extracted Amharic text to enhance machine learning model accuracy.
- Performed linguistic corrections and quality checks on 1,500+ annotation tasks within strict deadlines.
- Delivered high-quality training data to support Meta AI's computer vision and NLP systems.
- Utilized SRT HALO tool for annotation workflows, project tracking, and compliance with security standards.

**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

2024-2025

**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

2024-2025

**Full Stack Developer and AI/ML**

- 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.

**Wingy Organization | Remote**

 morocco

2024-2025

**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.