

Woiny Teka

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Education

Harvard University, Master of Science, Data Science & Machine Learning Maharishi Cambridge, MA
Maharishi International University, MBA, Software Applications Fairfield, IA

Study Abroad

Mekelle University, - Bachelor of Science, Computer Engineering Experience Mekelle, Ethio

Skills

Technical: Python (Expert), RAG systems and Agentic AI using Python, Go, and FastAPI Java, JavaScript, Machine Learning, and AI Engineer with strong Software Engineering experience, specializing in Python, FastAPI, GCP and Spring Boot, with expertise in NLP, LLMs, and RAG systems, building scalable API-driven applications using MongoDB, Redis, and Elasticsearch, and deploying production-ready solutions with Docker, Kubernetes, AWS, CI/CD.

Professional Experiences

Uber AI Solutions

Machine Learning Engineer, AI/ML & GenAI

San Francisco, CA

Oct 2025 – Present

- Developed Python-based microservices using FastAPI for AI-driven applications with secure JWT authentication
- Built RAG-based LLM systems improving response accuracy and reducing hallucinations in production
- Designed NLP pipelines for automated PII detection and compliance across multi-state datasets
- Optimized high-throughput data ingestion pipelines, achieving 99.9% reliability for real time ML inference
- Implemented CI/CD pipelines using Jenkins, Git, pytest, and SonarQube to ensure code quality
- Collaborated across multi-repo architecture in large engineering teams

Google

Machine Learning Researcher,

San Francisco, CA

Oct 2025 – Dec 2025

- Collaborated with pioneering teams to enhance the Gemini AI platform for large language models (LLMs).
- Engaged in coding and security measures to ensure robust AI implementations.
- Contributed to the development of best practices in AI evaluation, driving innovation at Google.

HireArt

Senior AI Software Engineer

New York, NYC

Jun2024 - October2025

- Developed and delivered over 5 AI/ML solutions utilizing Python, FastAPI, and AWS services.
- Enhanced ML pipeline efficiency, achieving a 30% reduction in manual data labeling.
- Built secure RESTful APIs with JWT authentication and integrated API Gateway for seamless access.
- Implemented scalable data solutions using MongoDB, Redis, and Elasticsearch.

ITEX

Full Stack Developer, Full Time

Iowa USA/ World wide

Sep 2019 – Aug 2024

- Developed secure software solutions for data-driven applications, enhancing overall system security.
- Collaborated with cross-functional teams to implement new features and troubleshoot production issues.
- Built RESTful APIs and dynamic front-end components, significantly improving user engagement.
- Conducted code reviews and performance tuning, optimizing system efficiency across multiple platforms.