Contact

touraymodouk11@gmail.com

www.linkedin.com/in/modou-k-
touray-304786162 (LinkedIn)
medium.com/@touraymodouk11
(Portfolio)

Top Skills

Generative AI

LoRA

AI Agents

Certifications

Python Pro Bootcamp

Machine Learning

Generative AI with Large Language
Models

AWS Certified Cloud Practitioner

AWS Certified AI Practitioner

Modou K Touray

AI Engineer | Cloud Architecture | MLOps | LLMs | Agentic AI | RAG |
Docker | Kubernetes | FastAPI
Fredericton, New Brunswick, Canada

Summary

Hi, I'm Modou — An AI Engineer specializing in production-ready AI
systems, MLOps, and secure cloud infrastructure

I can help organizations integrate AI into real products, modernize
legacy applications into cloud-native platforms, and automate
infrastructure using DevOps best practices. My work spans AI/ML,
Cloud architecture, CI/CD automation, and secure, scalable system
design across AWS and multi-cloud environments.

If you're looking to turn AI from a concept into a reliable, business-
ready solution or simplify complex cloud environments with
automation, I'd be glad to connect and see how I can bring value to
what you are building.

Technologies & Areas of Interest: AI/ML | Cloud Infrastructure for
AI Platform | Generative AI | Python | AWS | Terraform | Docker |
Kubernetes | MLOps | Backend Engineering (FastAPI, Flask)

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Experience

Mamu AI Medical - MAIMD
AI Engineer
January 2026 - Present (1 month)
Worcester, Massachusetts, United States

Dundal AI
AI Engineer
May 2024 - Present (1 year 9 months)
The Gambia

• Designed, built, and deployed client-facing generative AI solutions on AWS,
transforming concepts into production-ready applications.

• Built a multi-modal AI misinformation detection API for a national
misinformation monitoring portal in The Gambia, integrating image, audio,

video, and text analysis to significantly reduce manual content verification effort.

• Implemented a hash-based caching mechanism to detect duplicate content and prevent redundant Reality Defender API calls, reducing external API usage and cutting operational costs by over 50%

Gambia National Petroleum Corporation
Software Developer
December 2021 - July 2023 (1 year 8 months)
Brusubi, The Gambia

• Developed the corporation's website using Laravel Livewire and Tailwind CSS, enhancing user experience.

• Created a nation-wide coupon tracking application with Vue.js and MySQL, automating coupon validation processes.

• Improved operational efficiency by streamlining verification processes, significantly reducing processing time.

CypeFinland(tunninen.com)
Software Developer
December 2020 - November 2021 (1 year)
Bakau, The Gambia

• Designed and implemented end-to-end machine learning models to address real business challenges using Python.

• Built comprehensive ML pipelines, including data preprocessing, exploratory data analysis, model training, and performance optimization.

• Developed and deployed inference APIs with Flask for seamless integration into existing systems.

Education

The Cloud Bootcamp
MultiCloud, DevOps and AI BootCamp · (August 2025 - August 2026)

University of New Brunswick
Masters, Computer Science · (September 2023 - May 2025)

University of the Gambia
Bachelor's degree, Computer Science · (2016 - 2020)