Modou K Touray

Nationality: Gambian   **Date of birth:** 15/09/1996   **Gender:** Male

📞 **Phone number:** (+1) 5062927713

✉ **Email address:** touraymodouk11@gmail.com

🐦 **Twitter:** https://twitter.com/enginerktouray

📍 **Home:** 488 Montgomery St, E3B 2X5 Fredericton (Canada)

ABOUT ME

An IT specialist with a strong background in Computer Networks, AI development, and Full Stack Web Development. Possessing strong technical acumen and hands-on experience in managing network infrastructure, designing, building, and implementing AI-based solutions, and creating robust web applications. Aspiring DevOps/Cloud Engineer with a strong foundation in Google Cloud Platform (GCP) and AWS gained through the completion of a comprehensive Google Cloud course and hands-on projects. A quick learner and detail-oriented individual with a passion for technology and a desire to contribute my technical expertise to a dynamic team.

WORK EXPERIENCE

Software developer
Gambia National Petroleum Company [12/11/2021 – Current]

City: Brusubi

1. Develop and maintain Laravel and Vuejs applications
2. Collaborate with team members to implement updates and fixes.
3. Ensure code is following current best practices
4. Configuring and Installing equipment for the HQ and different Gas stations.
5. Provide support for hardware-related issues, such as diagnosing and resolving problems with desktop computers, laptops, printers, scanners, and other devices.
6. Assisting the network administrator in the form of requirements analysis, implementation, and problem investigation.
7. Performing other duties as assigned.
8. Also developed a Python Flask app that monitors switch ports' statuses.

Software developer
Cype Finland [01/12/2020 – 30/11/2021]

City: KMC
Country: The Gambia

-Data preprocessing such as cleaning, preprocessing, and transforming raw data into a format that is suitable for ML and NLP algorithms.
-Model development such as classification, regression, etc.
-Selecting appropriate algorithms for specific problems.
-Evaluation of the performance of ML models based on accuracy, precision, etc.
- Preparing reports on project specifications, activities, or status.

IT Technician
Unique Solutions [01/09/2019 – 29/11/2020]

City: KMC
Country: The Gambia

-Installing and configuring Cambium, TP-Link, and Linksys home routers for clients.
-Installing and configuring Cambium, Ubiquiti, Telrad, etc.
-Provide support for hardware-related issues, such as diagnosing and resolving problems with desktop computers, laptops, printers, scanners, and other peripheral devices.

-Assisting the network administrator in the form of requirements analysis, implementation, problem investigation, and resolution.
-Software installations on computers and laptops for clients.
-Installing and configuring printers and desktop computers for the company and clients.
-Performing other duties as assigned.

EDUCATION AND TRAINING

Masters in Computer Science
University of New Brunswick [01/09/2023 – Current]

City: Fredericton
Country: Canada

Bachelors of Science in Computer Science
University of The Gambia [01/09/2016 – 08/08/2020]

Address: Kanifing KMC, 733 West Coast Region (The Gambia)

High School Diploma
St. Peter's Technical Senior Secondary School [01/09/2013 – 01/06/2016]

Address: Lamin Sanchaba Lamin, Brikama (The Gambia)

Associate Google Cloud Certificate
Google Africa Developer Scholarship

100 Days of Code: The Complete Python Pro Bootcamp 2023
Udemy by Dr. Angela Yu

Complete Java Certification Course
Udemy by Imtiaz Ahmad

PROJECTS

MultiCloud

Migrated an on-premises system(Luxury Hotel WebApp) to AWS(S3) and Google Cloud(GKE and Cloud SQL) using Terraform

Simple Website Hosting on Google Cloud

- Created a virtual machine instance on Google Compute Engine and configured it to host a simple website.

- Set up a Cloud Storage bucket and configured it for static website hosting.

- Implemented IAM roles to grant appropriate permissions for team members.

Deployment with Google Kubernetes Engine (GKE)

- Deployed an application using Google Kubernetes Engine (GKE).

- Configured load balancing to handle varying workloads efficiently.

- Automated an App Engine development with cloud build.

Cloud SQL Database Setup and Management

- Set up a Cloud SQL database and perform basic database management tasks.

- Ensured data security by configuring database access controls and encryption.

Intruder Detection

Train and build an AI solution that detects Monkeys and birds on the farm and sends an alert to the farmer through sms

InvoiceReader

A command line tool that supports your accounting process. It is an application that extract relevant fields from a pdf invoice and save them in JSON, CSV, or XML format.

HOBBIES AND INTERESTS

Cloud Computing/DevOps/AI

Soccer/Basketball

TECHNICAL SKILLS

.

- Cloud Platforms: Google Cloud Platform (GCP)

- Tools: Google Cloud Console, Cloud SDK, AWS

- Services: Compute Engine, Storage, Networking, Cloud IAM, Cloud SQL

- Virtualization: Google Kubernetes Engine (GKE)

- Infrastructure as Code: Good knowledge of Terraform

- Operating Systems: Linux, Windows

- Scripting: Strong proficiency in Python