



LINET SHAMMAH PATRICIAH

*Data Scientist | Artificial Intelligence & Machine Learning
Developer | Cloud Systems Integration Specialist*

✉ linetpatriciah@gmail.com

☎ +254112250170

📍 Nairobi, Kenya

🔗 linetpatriciah.vercel.app/

🌐 linkedin.com/in/shamzy25/

🐙 github.com/shammy-lp

📖 medium.com/@linetpatriciah



PROFESSIONAL SUMMARY

Hey there,

My name is Linet Shammah Patriciah, and I am a Data Scientist, AI/ML Developer and Cloud Systems Integration Specialist with over 4 years of experience.

I have a strong **background in data science, machine learning and cloud computing**, and I am passionate about using technology to solve real-world problems.

I **contribute across the full Machine Learning lifecycle** that is from research, data collection and preprocessing to model training, evaluation, optimization and secure cloud deployment at scale.

I **advocate for the responsible and ethical use of AI**, and I am committed to creating solutions that are not only innovative but also beneficial to society.

I **love working with tech minded individuals** and I am always eager to collaborate on projects that push the boundaries of what's possible with data and AI.

Outside of my professional space, I enjoy swimming and playing tennis.



WORK EXPERIENCE

AI Technical Mentor, Moringa School

03/2026 – Present

- At Moringa School, a technology bootcamp institution, I trained students in n8n automation and workflow design, enabling them to build end-to-end automation solutions that reduced manual processes and improved operational efficiency.
- I mentored learners through real-world hands-on automation projects involving human-in-the-loop workflows and integrations with external services, helping them design scalable systems while strengthening their problem-solving, analytical thinking and decision-making skills.

Partnerships & Collaboration Lead, Openinfra Foundation

01/2025 – Present

- At OpenInfra User Group Kenya, I led partnerships and collaborations to expand support for mentorship programs and community events.
- I engaged tech organizations and contributors, securing strategic partnerships that increased mentorship, sponsorship, and technical support.
- Through cross-team coordination, I aligned partner contributions with community needs, creating more opportunities for member engagement and growth.

Python Automation Developer, M365 Connect

03/2025 – 03/2026

- M365 Connect was developing an Applicant Tracking System (ATS) to streamline recruitment and improve candidate management.
- I supported ATS development by building Python scripts to extract, clean, and validate job data, improving data accuracy and reliability.
- I optimized data-processing workflows, reducing manual effort and enhancing efficiency for both recruiters and candidates.

Data Analyst Intern, County Revenue

04/2024 – 10/2024

- As a County Revenue Intern, I supported revenue collection and compliance initiatives by educating residents and business owners on county revenue policies and payment procedures.
- I validated payment receipts, maintained accurate financial records, verified business licensing requirements, and contributed to revenue reporting and compliance tracking to support departmental decision-making.

TECHNICAL SKILLS

Machine Learning & AI: Machine Learning (ML), Deep Learning (DL) | Natural Language Processing (NLP) & Large Language Models (LLMs) | Computer Vision (CV) | Model Deployment & MLOps | Feature Engineering, Data Cleaning, Model Optimization

Programming & Development: Python (Pandas, NumPy, Scikit-learn, TensorFlow, PyTorch) | R / SQL / Bash | API Development & Integration (REST, FastAPI, Flask) | Automation & Scripting

Data Management & Analysis: Database Management (SQL, NoSQL, MongoDB) | Data Visualization (Tableau, Power BI, Matplotlib, Seaborn, Plotly) | Exploratory Data Analysis (EDA)

Cloud & DevOps: AWS Cloud Computing (EC2, S3, VPC, IAM, CloudWatch, Lambda, SageMaker) | Kubernetes (K8s), Docker, Containerization | Cloud Security & Best Practices | CI/CD pipelines (GitHub Actions, Jenkins, or similar)

Operating Systems & Tools: Linux OS & Command Line | Git & Version Control (GitHub, GitLab) | Jupyter Notebook, Google Colab

Other: Agile & Scrum methodologies | Collaboration Tools (Slack, Trello, Notion)

PROFESSIONAL QUALIFICATIONS

LFS211 – Linux Networking and Administration: Linux Foundation | 2025-06

LFS259 – Kubernetes for Developers: Linux Foundation | 2025-10

STATA & SPSS: Zetech University | 2024-04

Gen AI Essentials: Moringa School | 2026 - 03

EDUCATION EXPERIENCE

World Quant University, Masters in Financial Engineering

01/2026 – Present

- I've learnt how to build quantitative models for financial markets, including pricing, risk analysis, and trading strategies.
- I've learnt how to apply data, statistics and programming to solve real-world financial decision-making.

E-Mobilis Technical Institute, AWS Cloud Practitioner

10/2025 – 12/2025

- I completed the AWS re/Start program, gaining hands-on experience with AWS core services including VPC, IAM, EC2, S3, EBS, CloudWatch, security groups, and NACLs.
- I troubleshoot AWS networking and security configurations while implementing monitoring to improve system reliability and resilience.

Moringa School, Data Science & Machine Learning

10/2024 – 07/2025

- I gained hands-on experience across the AI/ML lifecycle, including data collection, cleaning, preprocessing, feature engineering, model training, evaluation, and optimization using diverse data types.
- I applied data analysis, visualization, and collaboration best practices using Matplotlib, Seaborn, Tableau, Git, GitHub, Jupyter Notebooks, and Google Collab to communicate insights and work effectively in team-based projects.

Zetech University, BSc in Economics and Statistics

09/2021 – 11/2024

- I built a strong foundation in Economics and Statistics, applying economic theory and critical thinking to analyze real-world problems, including market structures, supply and demand, fiscal policy, and economic development.
- I conducted data-driven research and documentation, clearly presenting research findings, analytical methods, and statistical models to support informed decision-making.

OPEN-SOURCE & DOCUMENTATION CONTRIBUTIONS

Tanzania Water Well Condition

I contributed to an open-source analysis of water well functionality in Tanzania by cleaning and structuring large-scale data, and by identifying key drivers of well performance and access to clean water to support data-driven decision-making for improved water resource management.

Link: [shammy-lp/tanzania-water-churn](https://github.com/shammy-lp/tanzania-water-churn) 

New York Stock Data Analysis

I analyzed historical New York stock market data to uncover meaningful trends, patterns, and insights using advanced data cleaning, exploratory analysis, and visualization techniques to support informed financial decision-making.

Link: [shammy-lp/new-york-stock-data](https://github.com/shammy-lp/new-york-stock-data) 

PROJECT EXPERIENCE

Tweet Misinformation Detection Automation

Built an ML pipeline using Python, NLP, and AWS SageMaker to detect and flag misleading tweets. Deployed and automated the workflow on AWS for real-time, scalable monitoring, enabling faster detection and actionable insights to curb the spread of misinformation.

Link: [shammy-lp/kenya-tweets](#) 

Farm-to-Feed: Data-Driven Food Distribution & Waste Reduction

Developed Farm-to-Feed, a data-driven system to optimize food distribution and reduce post-harvest waste. Using data analysis, automation, and cloud tools, I streamlined the flow of produce from farms to markets, improving planning, reducing waste, and providing actionable insights for farmers and distributors.

 REFEREES

AVAILABLE UPON REQUEST