

ADNAN AHMED MOHAMUD

Software Engineer | Data Scientist | Technical Founder

Nairobi, Kenya • +254 758 946 806 • adnan@patadoc.com

linkedin.com/in/adnan-mohamud • github.com/ShadowGodd1 • adnan-mohamud.vercel.app

PROFESSIONAL SUMMARY

Software Engineer, Data Scientist, and Technical Founder with experience designing and building commercial software products, open-source developer tools, and data-driven platforms. Experienced across the full software development lifecycle — from product ideation and system architecture to deployment and maintenance. Strong background in machine learning, data engineering, full-stack web development, and developer tooling, with a passion for building scalable software that solves real-world problems.

PROFESSIONAL EXPERIENCE

Founder & CEO | PataDoc

March 2026 – Present

- Founded a digital health startup focused on improving healthcare accessibility through technology.
- Lead product vision, technical strategy, and full-stack software development.
- Design system architecture and oversee the end-to-end product development lifecycle.

Founder & Technical Director | Kulane Labs

2026 – Present

- Founded a software development agency delivering modern web applications and digital solutions.
- Lead client discovery, technical architecture, software engineering, deployment, and ongoing technical direction.
- Build responsive, scalable applications using modern web technologies.

PROJECTS

DSK Intelligence

Designed and developed a data analytics platform enabling users to upload structured datasets, perform statistical analyses, generate interactive visualizations, and produce narrative reports through a web interface.

Technologies: *Python, Next.js, TypeScript, SQL, Machine Learning, Data Visualization*

ds-toolkit (Open Source)

Designed and developed a modular Python framework streamlining the complete post-collection data science workflow — from profiling and preprocessing to model evaluation, experiment tracking, explainability, and automated reporting.

Technologies: *Python, scikit-learn, Optuna, SHAP, MLflow, Jupyter*

EDUCATION & CERTIFICATION

Bachelor of Data Science

Kenya Methodist University

May 2025 – Present

Professional Certificate in Data Science

Moringa School

Oct 2024 – Apr 2025

Bachelor of Business Information Technology (Incomplete)

Mount Kenya University

Completed four academic trimesters.

May 2023 – Sep 2024

Data Scientist Associate — DataCamp

Issued November 2025

TECHNICAL SKILLS

Languages

Python • JavaScript • TypeScript • SQL

Data Science / ML

Pandas • NumPy • Scikit-learn • Optuna • SHAP • MLflow

Web Development

React • Next.js • Tailwind CSS • Supabase • FastAPI

Tools & Platforms

Git • GitHub • Vercel

Languages Spoken

English • Kiswahili • Somali