

Moses Njehu,

Chuka University, BSc. Applied Computer Science

Sep, 2017 - Oct, 2021

Software Engineer

Nairobi, Kenya. [moses.njehu.n@gmail.com](mailto:moses.njehu.n@gmail.com)

## DETAILS

[moses.njehu.n@gmail.com](mailto:moses.njehu.n@gmail.com)

+254746803359

Nationality Kenyan

## Languages

Swahili English

## Links

[LinkedIn](#) [GitHub](#)

## Portfolio

<https://mo1598.github.io/>

## PROFESSIONAL SUMMARY

Software Engineer with over 4 years of experience in backend systems, database administration, Linux environments, and data-driven applications. Experienced in designing scalable architectures, real-time data integrations, ETL processes, and system reliability within enterprise environments. Passionate about data integrity, performance optimization, and building resilient systems that support business operations.

## EMPLOYMENT HISTORY

### Full Stack Software Developer, AA Kenya

October, 2024 – Present

- Design and maintain systems handling large datasets to ensure data availability, reliability, and security.
- Develop and optimize data pipelines for system integrations and operational reporting.
- Perform database optimization and schema improvements to enhance query performance.
- Monitor application performance and troubleshoot production incidents.
- Implement data privacy and security controls aligned with organizational policies.
- Collaborate with cross-functional teams to ensure system uptime and high availability.
- Participate in infrastructure planning and deployment processes.

### Software Developer, Tion Precision Electronics

April, 2023 – August, 2024

- Led development of a multi-tenant ERP system with modular architecture.
- Designed real-time data integration pipelines for hardware-to-software communication (Wi-Fi-based weighing scale transmission).
- Built third-party integrations and payment gateways.
- Administered PostgreSQL databases including query optimization and data modeling.
- Deployed and maintained applications on Linux servers.
- Implemented data validation mechanisms to ensure integrity and accuracy.

### Junior Software Developer, VertexHub Group Limited

January, 2022- November 2022

## TECHNICAL SKILLS

- SQL (PostgreSQL, MySQL)
- Database Administration
- Data Modeling
- Query Optimization
- Data Integrity Validation
- ETL Concepts
- Linux Server Administration
- Application Deployment
- System Monitoring & Troubleshooting
- Change Management
- Disaster Recovery Concepts
- Golang
- TypeScript / Angular
- PHP (Laravel)
- Node.js (NestJS)
- REST APIs

I was tasked with developing and maintaining a payment processing Service application built on Laravel as frontend and NestJS as backend.

The day-to-day activities involved:

- Adding modules, integrations to payment platforms and documenting API's.
- Deploying service updates and upgrades on a Linux server.
- PostgreSQL database administration.
- Minor Server management and configuration tasks.

### **Intern Software Developer, VertexHub Group Limited**

**October, 2021 - December, 2021**

- Development of an E-Commerce platform using Magento CMS.
- S.E.O optimization for the E-Commerce site.
- Website development.
- Computer maintenance(Troubleshooting and repair)

### **EDUCATION**

**Molo Academy, KCSE**

**Jan, 2013 - Dec, 2016**

### **KEY ATTRIBUTES**

- Self-Motivated and visionary
- Good analytical and deduction skills
- Excellent team player
- Attention to detail
- Work under no supervision
- Good at research
- Ready to learn new things and technologies