# LEON MUYESU

Full-Stack Software Developer & System Designer

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Git-hub |LinkedIn |Portfolio

## Professional Summary

Full-stack software developer with 2+ years of hands-on experience building scalable web applications and data-driven solutions. Proven track record of delivering user-centric systems that reduce operational inefficiencies by up to 40%. Expertise in React, Node.js, Django, python programming and modern development workflows. Skilled at translating complex technical requirements into intuitive interfaces and robust backend architectures. Ready to drive innovation and deliver measurable business impact.

## Technical Expertise

**Frontend**: React, SvelteKit, HTML5, CSS3, JavaScript (ES6+), UI/UX Design, Responsive Design

**Backend**: Node.js, Express, Django, Python, RESTful APIs

**Database**: PostgreSQL, MySQL, Database Design & Optimization

**DevOps & Tools**: Git, GitHub, Docker, Agile/Scrum, CI/CD Pipelines

**Core Competencies**: Full-Stack Development, System Designing, Data Analysis, Software Testing, Technical
Documentation, Team Leadership

## Professional Experience

### Software Development Intern | Dockonnect - Remote

May 2024 – July 2024 | Nairobi, Kenya

Engineered UI/UX components for a hospital management system serving 10+ healthcare facilities, reducing new user onboarding time by 15% through intuitive interface design

Streamlined data collection and reporting workflows by analyzing healthcare data across multiple hospitals, improving operational efficiency and data accuracy

Authored comprehensive technical documentation that became the organization's standard reference, accelerating developer onboarding and reducing support tickets by 25%  Collaborated with cross-functional teams using Agile methodologies to deliver features on schedule

**Research & Development Intern | Pan African Climate Justice Alliance (PACJA) – On Site**

May 2023 – July 2023 | Nairobi, Kenya

Conducted environmental impact research that enhanced data accuracy by 30% for PACJA's advocacy campaigns, directly supporting policy recommendations

Co-developed a web application prototype for climate data visualization, enabling stakeholders to interpret complex environmental datasets 40% faster

Processed and validated large datasets using Python, ensuring data integrity for critical decisionmaking processes

## Key Projects

**jobKonekt | Full-Stack Skills Marketplace Platform**

React, Node.js, Express, PostgreSQL

Architected and deployed a web platform connecting skilled tradespeople (plumbers, electricians, carpenters and janitors) with clients, reducing average job search time by 40%

Implemented secure authentication, real-time job matching algorithms, and payment integration

Designed responsive UI/UX serving users with 95% satisfaction rate based on user feedback

Built RESTful API handling daily requests with optimized database queries

**Hockey K.E | Sports Analytics Dashboard**

React, Node.js, PostgreSQL

Developed a comprehensive data dashboard for grassroots hockey teams in Kenya, tracking performance metrics for 15+ teams

Integrated data visualization tools (D3.js) enabling coaches to analyze player statistics and game trends 60% faster

Deployed scalable backend infrastructure supporting concurrent users with <2s load times

**Personal Portfolio Website**

React, Vue.js and Vite

Built and deployed a modern, responsive portfolio showcasing projects with optimized performance (95+ Lighthouse score)

Implemented dynamic content management and contact form with email integration

## Education

**Bachelor of Science in Computer Science**

Multimedia University of Kenya | Graduated 2025 – Second Class(Upper Division)

Relevant Coursework: Data Structures & Algorithms, Web Development, Database Management Systems, Object-Oriented Programming, Software Engineering, Operating Systems

**Kenya Certificate of Secondary Education (KCSE)**

Nairobi School | 2017 – 2020  – A-(minus)

Certifications & Continuous Learning

Git & GitHub Version Control

Agile Software Development Methodologies

UI/UX Design Principles

Database Design & Optimization

## References

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