JOHN MUTHEE MAINA

Phone: +254 768 498 013 | **E-mail:** johnmuthee547@gmail.com
LinkedIn: https://www.linkedin.com/in/johnmutheemaina/
Github: https://github.com/mutheejj **Website**: https://johnmuthee.helioho.st/

Professional Summary

Dynamic Full-Stack Software Engineer & IT Support Specialist with hands-on experience in system administration, cloud deployment, and modern web application development. Skilled in building secure, scalable, and user-focused systems using Laravel, React.js, Node.js, Flutter, Docker, and AWS. Proven ability to deliver efficient digital solutions by combining software engineering principles with robust IT infrastructure management. Adept at troubleshooting complex issues, automating workflows, and optimizing performance across Linux and cloud environments. Passionate about creating innovative, high-impact technologies that enhance business operations and user experience.

Professional Experience

ICT Support Intern
United States International University (USIU) – Nairobi, Kenya
May 2025 – August 2025

- Delivered first-line technical support for students and staff, resolving hardware, software, and network-related issues efficiently.
- Assisted in managing user accounts, permissions, and group policies through Active Directory and Microsoft environments.
- Performed installation, configuration, and maintenance of IT systems, ensuring reliable campus-wide connectivity.
- Provided both remote and on-site support, helping reduce ticket resolution time by improving troubleshooting workflows.
- Documented recurring issues and solutions, contributing to a more effective internal knowledge base and smoother support operations.

Freelance Full-Stack Developer
Self-Employed / Remote – Nairobi, Kenya
August 2025 – Present

- Collaborating with local and international clients to design and build custom web and mobile applications.
- Developing secure, scalable systems using Laravel, React.js, Node.js, Flutter, and MySQL.
- Managing end-to-end project lifecycles — from requirements gathering and UI design to deployment and maintenance.
- Implementing payment integrations, dashboards, and REST APIs to enhance client operations.
- Delivering projects through platforms like Fiverr and direct contracts, maintaining strong client satisfaction and repeat work.
-

Full-Stack Developer

Grantec ICT Solutions – Nairobi, Kenya

August 2025 – November 2025

- Developed and maintained web applications for clients using PHP, Laravel, JavaScript, MySQL, and REST APIs.
- Built responsive front-end interfaces and dashboards that improved user experience and reduced client support requests.
- Collaborated with the ICT team to integrate backend systems with existing business workflows.
- Implemented authentication, role-based access, and secure data handling to enhance application reliability.
- Optimized database queries and application performance, reducing load times and improving overall system efficiency.
- Participated in client requirement gathering, translating needs into functional, scalable technical solutions.

Project Experience

DigitalBark – Stock Market Education Platform
Freelance | Oct 2025 – Nov 2025

- Built a comprehensive education and bookstore platform offering online and offline stock market courses, eBooks, and physical books.
- Integrated Razorpay, PhonePe, and Cashfree for secure payments, and Meta Pixel + Conversion API for analytics tracking.
- Developed with Laravel 10, MySQL, and Tailwind CSS, featuring a responsive UI, admin dashboard, and automated email system.
- Delivered a fully functional e-commerce solution supporting funnel pages and student management.
  Key Skills: Laravel · MySQL · Tailwind CSS · Payment Integration · Web Development · Marketing Analytics

KhonaMart POS – Retail Management & Sales System
Freelance | Aug 2025 – Nov 2025

- Designed and developed a custom Point of Sale (POS) system for retail stores to manage inventory, sales, and daily operations.
- Implemented stock tracking, invoicing, user roles, customer management, and analytics dashboards.
- Built using Laravel, MySQL, and Bootstrap, ensuring speed, security, and offline readiness.
  Key Skills: Laravel · MySQL · Bootstrap · REST APIs · Retail Management Systems · Data Analytics

SereneWings Caregiving – Homecare & Wellness Platform
Freelance | Sep 2025 – Nov 2025

- Developed a responsive homecare and wellness platform connecting clients to caregivers and wellness services.
- Integrated dynamic service pages, appointment forms, and admin dashboards for operational management.

- Optimized for SEO, accessibility, and performance, using Laravel, MySQL, and Tailwind CSS.
  Key Skills: Laravel · MySQL · Tailwind CSS · SEO · Web Development · UI Design

Technical Skills

- Programming: Python, JavaScript (ES6+), TypeScript, C, Java
- Frameworks: Laravel, React.js, Node.js, Django, Flutter, Angular
- Backend & APIs: RESTful API development, Microservices, Web Services, JSON, YAML
- AI & Data Engineering: AI/ML integration & deployment, Data pipelines (ETL), SQL (MySQL, PostgreSQL), Python data stack (Pandas, NumPy)
- Cloud & DevOps: Docker & containerization, CI/CD pipelines, AWS (EC2, S3), Cloud deployment, Linux administration, Bash/Shell scripting, NGINX, Git workflows
- Architecture & Security: Scalable web architecture, API-first design, Authentication & Authorization (JWT, OAuth)
- Testing: Jest, Jasmine, PHPUnit
- Systems Administration: Windows & Linux (Ubuntu, Fedora), Active Directory & User Management
- IT Support & Operations: Software installation, Troubleshooting, System maintenance, Remote support, Helpdesk operations

Tools & Platforms

 VS Code, GitHub, Git, Docker, Postman, phpMyAdmin, MySQL Workbench, AWS Management Console, NGINX, cPanel, Chrome DevTools, Jira, Trello, Swagger (OpenAPI), Figma, Adobe Photoshop, WordPress, Shopify

Education

Mount Kenya University – *Thika, Kenya*
Bachelor of Science in Information Technology
September 2022 – April 2025

Certifications

Software Engineering Certificate
African Leadership University (ALX) May 2023 – November 2024

References

Peter Krop
ICT Department – United States International University
Tel: +254 703 306 444
Email: psiwatum@usiu.ac.kepsiwatum@usiu.ac.ke