

Valentine Maiyo

Software Engineer

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Profile

Software Engineer with 4+ years' experience building and maintaining scalable web applications and APIs. Skilled in system integration, automation, and clean, maintainable code. Committed to quality through testing, DevOps practices, and continuous learning. Flexible, collaborative, and ready to contribute across the full development lifecycle.

Skills

Frontend: React, JavaScript (ES6+) | **Backend:** Nest.js, PHP, Laravel | **Databases:** PostgreSQL, MySQL, MongoDB | **Cloud & DevOps:** AWS, Docker, CI/CD (GitHub Actions, GitLab CI/CD), Linux | **Cloud:** AWS, DigitalOcean | **Testing:** Jest, PHPUnit

Professional Experience

Software Engineer

Nov 2022 – Present

Ingenuity Business Solutions

- Develop and maintain REST APIs used by internal systems and third-party vendors.
- Design and deploy full-stack applications, optimized for performance and scalability.
- Handle application deployment, manage server configurations, and ensure uptime and security.
- Lead junior developers through mentorship, code reviews, and task delegation.
- Migrate legacy desktop applications to web-based systems to improve accessibility and user experience.
- Build and integrate custom web solutions with Sage ERP, automating financial processes for clients.
- Play a key role in transitioning systems to ETIMS compliance, including user training and support.

Key Achievements:

- Migrated core applications to web apps, ensuring easy access for users.
- Built a leave management system integrated with Norming HR, serving over 8,000 employees.
- Developed a vendor portal serving 10,000+ users, fully integrated with Sage, automating invoicing

Junior Software Developer

Aug 2021 – Apr 2022

Baran Telecom Networks

- Supported development of inventory and procurement systems, focusing on backend logic and frontend improvements.
- Automated workflows in CRM, reducing manual tasks and increasing team productivity.
- Provided first-line support for Internal software, assisting end-users and troubleshooting issues.
- Contributed to the deployment and configuration of internal applications, gaining exposure to DevOps principles.

Key Contributions:

- Participated in system upgrade projects, improving software stability and performance.

Education

BSc in Computer Science

University of Kabianga

Certificates

Certificate in Software Engineering

Moringa School