MAINA EDWIN WANJOHI

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Nairobi, Kenya | GitHub | LinkedIn

FULL-STACK SOFTWARE DEVELOPER

Results-driven Software Engineer with expertise in both backend and frontend development, specializing in Laravel (PHP), JavaScript, and REST API design and documentation. Skilled in building scalable, high-performance, and secure applications while adhering to best coding practices and agile methodologies. Experienced in optimizing system efficiency, enhancing security, and integrating third-party APIs. Passionate about problem-solving, continuous learning, and developing innovative software solutions that enhance user experience and drive business success.

PROFESSIONAL EXPERIENCE

Software Developer Intern   Parklands, Nairobi
Wizglobal Kenya   Sep 2024 – Mar 2025

- Designed and implemented dynamic user portals using Vue.js, Laravel, and CSS, enhancing user experience and responsiveness across multiple devices.
- Developed and optimized RESTful APIs, ensuring seamless communication between frontend and backend systems while improving data retrieval efficiency.

Software Developer Trainee   Parklands, Nairobi
Wizglobal Kenya   Jan 2024 – Sep 2024

- Engineered and maintained scalable backend services using Node.js and Laravel, optimizing system performance and reliability.
- Implemented secure authentication and authorization mechanisms, enhancing data protection and access control.
- Optimized API integrations, reducing response times and enhancing overall application performance.

Web Developer   Nairobi
Freelance   Aug 2023 – Dec 2024

- Designed and developed custom, responsive websites for clients, ensuring optimal usability and modern aesthetics across devices.
- Integrated RESTful APIs and database solutions, enabling seamless functionality and efficient data management.
- Optimized website performance, security, and SEO, improving page load speed, search engine visibility, and user engagement.

CORE SKILLS

Backend :
- PHP (Laravel) | JavaScript (NodeJs)

Frontend :
- Blade | Next.js | Bootstrap | Tailwind CSS | AJAX |
- HTML5 | CSS3

Databases:
- PostgreSQL | MYSQL | Sequelize

API Development & Integrations :
- REST | SOAP | GraphQL

- Payment APIs (M-Pesa)

DevOps & Cloud :
- Docker

Software Architecture & Security :
- System Design & Optimization
- Error Management & Security Best Practices

Operating System
- Linux | Windows

PROJECT EXPERIENCE

Customer Relationship Management System
Technologies: Laravel , Node.js & PostgreSQL

- Engineered a robust CRM system to manage customer data, interaction history, and account details, improving customer engagement and service efficiency.
- Implemented secure data storage and retrieval mechanisms, ensuring compliance with data protection standards and safeguarding sensitive client information.
- Improved customer response efficiency by 40% through optimized data retrieval.

Bulk SMS & Bulk Email System
Technologies: Laravel & MySQL

- Developed and implemented a Bulk SMS and Bulk Email system, enabling businesses to reach thousands of customers simultaneously for notifications, marketing, and alerts.
- Optimized message delivery and database queries, reducing message delivery latency by 30% and optimized database queries for a 50% faster response time.

EDUCATION

Cooperative University of Kenya, Nairobi
Computer Science

REFERENCES

References are available on request.