JOASH OWAGA
Full Stack Software Developer

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PROFILE SUMMARY

Creative, performance-driven web app developer with over 3 years of experience in building fast, responsive, and scalable web applications using Vue.js, React, and JavaScript.

Skilled in collaborating with designers to transform mockups into engaging user experiences, integrating RESTful APIs, and writing clean, maintainable code. Adept at optimizing front-end performance, implementing best practices, and working across agile teams. Passionate about modern JavaScript frameworks, user-centric design, and continuous improvement.

SKILLS

- **Front-end:** Vue.js, JavaScript (ES6+), TypeScript, React, HTML5, CSS3 Frameworks (Tailwind, Bootstrap), Git, REST APIs, AJAX, Component-Based Development, Responsive Web Design
- **Back-end:** Node.js (Async Programming, Event Loop, Streams), Express.js (Middleware, Routing, Error Handling), RESTful APIs, Authentication & Authorization (JWT, OAuth, Passport.js)
- **Database Management:** SQL Databases (PostgreSQL, MySQL), NoSQL Databases (MongoDB)
- **DevOps and Deployment:** CI/CD Pipelines (GitHub Actions)
- **Server-Side Performance:** Rate Limiting & Load Balancing, Data Encryption & Security Best Practices.

Tools & Technologies

- Node.js, Express.js, React, Vue.js, MongoDB
- Package managers - NPM
- API testing and debugging - Postman
- HTTP request handling – Axios,
- Database & ORM: NoSQL database (MongoDB + Mongoose), Relational databases (MySQL, PostgreSQL)
- Token-based authentication (JWT, Passport.js)

EDUCATION

- **Back-end Web Development Boot Camp** | ALX Africa | Jan 2022- May 2022
- **BSc. Mathematics & Computer Science** | Multimedia University of Kenya| Sept 2012 – Oct 2016

EXPERIENCE

Full Stack Web Developer | Sept 2023 – Aug 2024
INFLUX INC | REMOTE, NAIROBI

- Design and implement scalable RESTful APIs, enhancing system performance and supporting a 30% increase in concurrent users.
- Develop and maintain scalable RESTful APIs that seamlessly integrate with client platforms, enhancing data exchange efficiency and reducing response times by 25%.
- Built and maintained responsive Vue.js components integrated with REST APIs for real-time data rendering.
- Optimized front-end performance by implementing lazy loading and code splitting.
- Optimize database architectures to handle high-volume ticketing data, ensuring rapid data retrieval and supporting real-time reporting capabilities.
- Enhance system security measures by implementing advanced authentication protocols, safeguarding sensitive client information and maintaining compliance with industry standards.
- Review client product's front-end codes and forward the recommendations to their support team for implementation.

Full Stack Developer | MAR 2017 – AUG 2023
SYMPHONY TECHNOLOGIES LIMITED | NAIROBI

- Overhauled a credits and rating feature to allow customers to rate a technician's performance after site attendance, improving service quality by 15%.
- Implemented RESTful APIs that allowed customers to obtain equipment health reports from the portal, increasing contract renewal rates by 30%.
- Developed and tested clean reusable code, which helped accelerate module development by 20%.
- Integrated MPESA payment gateway to receive payments for clients served outside service level agreements (walk-ins), enhancing service delivery by 20%.
- Optimized database queries and indexing strategies, reducing report generation time by 40% and improving overall system performance.
- Led a team of junior developers, conducting code reviews and mentoring sessions, which boosted development efficiency and improved code quality.

REFERENCES

1. **Collins Musoko| Front-end Developer | Nathan Digital**
   Contact: +254 717 684 174 Email: mussocollins@gmail.com

2. Sherpard Muzuva | ICT Manager| Symphony Technologies Limited
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