Collins Omondi

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Professional Summary

Full-Stack Developer with 3+ years of expertise in HTML, CSS, JavaScript, Node.js, FastAPI(Python), React.js, React Native, Next.js, Angular.js, Vue.js and SQL/NoSQL databases, delivering high-performance web applications aligned with agile methodologies. Proven success in optimizing system performance (50% faster load times), reducing bugs by 30%, and leading cross-functional teams to deliver 100% on-schedule projects. Passionate about code quality, mentorship, and continuous improvement through certifications (e.g., Azure, AWS).

Technical Skills

Frontend: React.js, Next.js, Vue.js, Angular.js, TypeScript, Tailwind CSS, Responsive Design

Backend: Node.js, Nest.js, RESTful APIs, PHP/Laravel, FastAPI, Django, OAuth2

Databases: PostgreSQL, MySQL, MongoDB, Firebase

DevOps: Docker, CI/CD (GitHub Actions, Jenkins), Kubernetes, AWS, DigitalOcean

Testing: Jest, Cypress, React Testing Library

Tools: Git, Agile/Scrum, Github

Professional Experience

Software Developer

Grow Mobile Technology – NAIROBI | 02/2024 – 11/2024

- Developed and maintained full-stack web applications using Node.js, FastAPI (Python), and Vue.js, ensuring modular, reusable code aligned with best practices.
- Collaborated with UX/UI designers and product managers to translate wireframes into technical specifications and user stories, delivering feature-complete sprints with 90% on-schedule adherence.

- Architected and optimized SQL and NoSQL data models (PostgreSQL, MongoDB), reducing average query load times by 50% and improving overall application responsiveness.
- Implemented comprehensive unit and integration testing (Jest, Cypress), achieving 85% code coverage and reducing post-release bugs by 30%.
- Containerized microservices with Docker and automated CI/CD pipelines via GitHub Actions, accelerating deployment frequency by 40% and streamlining rollbacks.
- Authored and maintained technical documentation and API specifications, facilitating cross-team onboarding and reducing knowledge-transfer time by 25%.

Front-End Engineer

Binary Pay – NAIROBI | 04/2022 – 10/2023

- Built responsive, mobile-first interfaces in React.js and Vue.js, adhering to accessibility and UI/UX design specifications with 95% compliance in user acceptance tests.
- Integrated real-time SMS and USSD payment flows (Twilio, Africa's Talking), collaborating with backend teams to define API contracts and secure OAuth2 authentication.
- Employed Redux for state management and established a component-driven architecture, increasing code reuse by 30% and reducing styling inconsistencies.
- Championed automated UI testing (React Testing Library, Cypress), raising front-end test coverage to 90% and cutting regression defects by 35%.
- Participated in daily stand-ups, sprint planning, and retrospectives, driving continuous process improvements that boosted team velocity by 15%.

Associate Software Developer

Cloud Apex Solutions – THIKA | 02/2021 – 02/2022

- Created and maintained reusable React components styled with Tailwind CSS, reducing new feature development time by 20%.
- Debugged and cross-browser tested HTML/CSS across Chrome, Firefox, and Safari to ensure a consistent user experience and 100% compatibility.
- Contributed to Node.js/Express middleware for secure authentication and authorization, integrating JWT-based workflows and enhancing API security.
- Collaborated in pair-programming sessions and code reviews, upholding code quality standards and reducing critical bugs by 25% in production.
- Documented setup procedures and API endpoints in Confluence, improving knowledge sharing and reducing on-boarding ramp-up time for new hires.

Education

Bachelor of Science in Information Technology

Mount Kenya University

Volunteering & Leadership

Technical Mentor, Web Technologies

Google Developer Student Clubs – THIKA | 09/2021 – 08/2022

- Provided guidance and direction to 50+ club members to advance their web development skills through one-on-one mentoring sessions.
- Supported the execution of various web development projects by sharing my knowledge and experience with 50+ club members.
- Facilitated learning sessions where 50+ club members honed their web development knowledge and abilities under my guidance.

Notable Project

CodeKenya

- Developed a responsive online learning platform using Next.js and RESTful APIs.
- Implemented server-side rendering and performance optimizations, improving load times by 50%.
- Utilized Git version control to manage collaborative workflows and track feature iterations.