Erick Aboge Oluga

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Portfolio:https://abogeerick.netlify.app/

Professional Summary

Detail-oriented Software Engineer with over three years of experience in developing, testing, and deploying web and mobile applications. Adept in both manual and automated testing, API testing, and bug identification. Proficient in using testing frameworks like Cypress, with a strong understanding of QA methodologies and tools. Strong communicator, committed to ensuring software meets high standards of functionality and user experience through rigorous testing and continuous collaboration with cross-functional teams.

Professional Experience

Software Quality Assurance Engineer
Optiven Group Limited
August 2024 – Present

- **Frontend Development**: Led the development of dynamic user interfaces for HR ERP modules using React and TypeScript, enhancing user engagement and accessibility.
- **Quality Assurance and Testing**: Spearheaded the creation and execution of comprehensive test plans and test cases, performing both manual and automated testing using Cypress to ensure software robustness and reliability.
- **API Development Collaboration**: Worked in tandem with the backend development team to design and optimize RESTful APIs, ensuring seamless integration between modules and third-party applications.
- **Cross-functional Collaboration**: Engaged with cross-functional teams, including product managers, designers, and developers, to align technical solutions with user needs and organizational goals, ensuring a cohesive development process

Junior Software Engineer
*Upwork(**Contract-based**)*
November 2022 – August 2024

- Developed and executed test plans for e-commerce and CRM systems, utilizing Postman for API testing.
- Conducted performance testing using Cypress, integrating with tools like Google Lighthouse to assess application scalability and responsiveness.
- Identified and reported software defects, collaborating with clients to implement improvements.

Academic Writer
Freelance Academic Writing
2020 – 2022

- Gained strong attention to detail while conducting research and writing papers, ensuring accuracy and high quality in final submissions.
- Developed proficiency in documenting detailed information, which translated well into documenting test cases and bug reports.

Education
University of Nairobi
Bachelor's Degree in Commerce (Information Technology Specialization)
September 2020 – December 2024

- **Concentrations**: Business Analytics, IT Project Management, E-Commerce Systems, Information Systems Management
- **Relevant Coursework**: Software Testing, Data Structures, Database Management, Systems Analysis and Design
- **Achievements**: Gained a strong foundation in both technical and business aspects of IT, with hands-on experience in developing data-driven applications and managing IT projects.

Licenses & Certifications

Moringa School
Certificate in Software Development
May 2022 – November 2022

- **Key Skills Acquired**: Proficiency in full-stack development, covering both front-end and back-end programming, database management, and application deployment.
- **Technologies & Programming Languages**: Acquired practical experience with HTML, CSS, JavaScript, SQL, and developed a solid understanding of software development methodologies.

Skills

- **Programming Languages:** Python, JavaScript, TypeScript, HTML/CSS, SQL
- **Backend Development:** Node.js, Express, MongoDB, MySQL
- **Frameworks & Libraries:** Flutter, React Native, React.js, Node.js, Express, Django, Flask, Bootstrap, Spring Boot
- **Testing & QA Tools**: Cypress, JMeter, Postman, Jira
- **API Testing**: Proficient in testing RESTful APIs and integrating third-party libraries for API validation
- **Development Practices**: Test-Driven Development (TDD), Agile methodologies, CI/CD
- **Collaboration & Communication**: Strong ability to work with cross-functional teams to identify issues, track bugs, and communicate testing results clearly.