NASIR MOHAMMED BALA

QA Analyst | Frontend Developer | Agile Enthusiast

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📍 Abuja , Nigeria

SUMMARY

With over 3 years of experience in quality assurance, specializing in both automated and manual testing for web and mobile applications, and over 4 years in front-end development, including focused on React and Next.js, I bring a strong, multidisciplinary approach to creating high-quality software products. I excel in building high-performance, scalable applications and leading teams to improve development practices, reducing defect rates significantly. I have a proven track record in automating tedious testing tasks to streamline QA processes and implementing testing frameworks like Cypress to ensure robust application quality, resulting in enhanced product reliability and improved user satisfaction.

EXPERIENCE

Frontend Engineer

Thermolinks

📅 01/2024 - Present　📍 Abuja, Nigeria

- Part of the team that built and launched the Nigeria Startup Portal, now serving over a million users, designed to connect Nigerian startups with funding sources.
- Collaborated with team members to build responsive, scalable pages and integrate APIs for seamless data flow.
- Enhanced user experience through optimized front-end performance and reusable UI components.
- Ensured cross-browser compatibility and contributed to accessibility improvements.
- Served as the frontend lead for a web application designed to provide help and support to orphans, utilizing Next.js, TypeScript, and Tailwind CSS to create a responsive and user-friendly interface.

Qa Analyst

Future Map

📅 02/2024 - 10/2024　📍 Nigeria

- Developed comprehensive test cases and scenarios for 'Tech-Atlas' and 'FutureMap Academy' , ensuring full functional coverage and high-quality user experiences.
- Automated API testing procedures using cypress, significantly reducing testing times and enhancing efficiency.
- Collaborated with cross-functional teams to refine project scopes, aligning with customer needs and achieving successful deployments for numerous major clients.

QA Tester

Sule Lamido University

📅 03/2023 - 05/2024　📍 Kafin-Hausa, Jigawa

- Led a QA team in the testing of an IoT application for fish pond monitoring and control, integrating Arduino and an Android app.
- Guided the team in adopting automation tools like Espresso, significantly enhancing testing efficiency and reducing regression testing time.

EDUCATION

Bachelor of Science in Computer Science (First Class Honours)

Sule Lamido University

📅 10/2018 - 10/2023　📍 Kafin-Hausa, Jigawa

PROJECTS

Nigeria Startup Portal

Contributed to the Nigeria Startup Portal as a frontend developer, using Next.js, TypeScript, and Material UI to build responsive, user-friendly interfaces. I also volunteered as a QA tester, where I contributed to ensuring the platform's quality by developing and executing test cases. This dual role allowed me to support the growth of Nigeria's startup ecosystem while ensuring a reliable and functional product for users.

Tech Altas

As a tester for the Tech Atlas project, I focused on ensuring the platform's reliability and functionality. I developed comprehensive test cases and scenarios, leveraging Cypress for automated testing to validate user interactions and overall performance. My testing efforts helped identify and address issues early in the development process, contributing to the successful launch of the platform and enhancing the user experience for the tech community

KEY ACHIEVEMENTS

🚩 **Improved Testing Efficiency**

Implemented automated testing frameworks, such as Cypress, resulting in a significant reduction in regression testing time and improved overall testing efficiency.

⭐ **Successful Project Launches**

Contributed to the successful deployment of the Tech Atlas and Nigeria Startup Portal projects, supporting the growth of the tech ecosystem in Nigeria through reliable and user-friendly platforms.

💎 **Enhanced User Experience**

Developed and optimized responsive user interfaces using Next.js, TypeScript, and Material UI, leading to increased user engagement and satisfaction on the Nigeria Startup Portal

SKILLS

Automated Testing	Manual Testing
Agile Methodologies	Git Version Control
Problem-Solving Skills	Javascript
Communication Skills	Next.js　　Cypress
Performance Optimization	