

Shamar Morrison

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EXPERIENCE

Edufocal Jamaica Ltd.

Technical Engineering Lead

Jul. 2021 – Present

Kingston, Jamaica

- Architected and launched a revolutionary educational platform serving 10,000+ users, enabling custom quiz creation and distribution with granular access controls, resulting in a 40% increase in web-based educator engagement.
- Orchestrated the successful migration to a modern tech stack (Next.js 14, TanStack Query, Zustand), reducing page load times by 60% and improving overall system reliability by 85%.
- Built and mentored a high-performing team of 5 engineers and 2 designers, implementing agile methodologies that reduced development cycles by 30% while maintaining 99.9% uptime.
- Created comprehensive security protocols for sensitive educational data, achieving DPA compliance.
- Established automated CI/CD pipelines using GitHub Actions, reducing deployment time by 75% and eliminating 90% of post-deployment issues.

Herald Ltd.

Mobile Engineer intern

Jan. 2020 – Aug. 2020

Kingston, Jamaica

- Engineered a feature-rich photo editing mobile application using React Native, achieving 100,000+ downloads with a 4.5-star rating across iOS and Android platforms.
- Implemented automated testing strategies using Jest and React Testing Library, achieving 90% test coverage and reducing bug reports by 70%.
- Led the migration from class components to functional components with hooks, reducing bundle size by 25% and improving app performance.
- Established a component library system that reduced development time for new features by 50% and ensured consistent UI/UX across the application.

TECHNICAL SKILLS

Languages: JavaScript, TypeScript, Kotlin, SQL, HTML/CSS.

Frameworks/Libraries: React, Next.js, Vue, Svelte, Astro, React Native, Redux, Zustand, Axios.

Testing: Cypress, Jest, React Testing Library, Playwright.

Tools: AWS, Git, Docker, PostgreSQL.