Shamar Morrison

Software Engineer

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Professional Experience

Software Engineer II – *EduFocal Jamaica Ltd. - www.edufocal.com*　📅 *Jul. 2021 - Present*

• Built an SDK with TypeScript, Zod and Jest to communicate effectively with the internal API. This allowed new team members to become familiar with how to work with the API quicker and also provided a more streamlined development experience when working with the API.

• I introduced and helped to implement TypeScript into the code-base (achieved 100% code coverage) which increased productivity across the team in terms of making the code-base easier to maintain and scale as new members are onboarded and as new projects and features are implemented.

• Helped to implement a chat feature which allowed students to instant message other students and teachers using Firebase, TypeScript and Next.js.

• Introduced testing to my team and wrote integration, unit and E2E tests for a majority of the code-base using Cypress and Jest. There were no tests being done before I joined the company and after my introduction, my team adopted testing fulltime as part of our CI/CD workflow.

• Leveraged knowledge in TypeScript, React.js and Next.js to fix issues and implement new features.

UI/UX Designer – *The Herald Printers & Design*　📅 *Feb. 2017 - Mar. 2020*

• Gather and evaluate user requirements in collaboration with product managers and engineers.

• Develop UI mockups and prototypes that clearly illustrate how websites look and function as well as Illustrate design ideas using storyboards, process flows and sitemaps.

• Prepare and present rough drafts to internal teams and key stakeholders.

• Identify and troubleshoot UX problems (e.g. website responsiveness, negative UX feedback from customers)

Languages & Technologies

Exceptional in:

JavaScript, React.js, TypeScript, HTML, CSS / SCSS / LESS, Bootstrap, Tailwind CSS, CSS Modules, Chakra UI, Git

Has experience in:

Next.js, Node.js, React Native, Sanity.io, Jest, Cypress, React Router, Redux, Materialise UI, Styled Components

Projects

• Horizon App - Stream Movies, TV Shows & Anime • *www.horizonmovies.xyz*

A React application that allows users to stream different movies and tv shows and view info such as similar movies, recommended movies, etc. Users can also download torrents up to 4K resolution.

HTML/CSS, JavaScript, React JS, Web API.

• Sekiro - Workout Tracker • *sekiro-intro.netlify.app*

A web application which allows location tracking and recording your workouts using the Leaflet Map JavaScript plugin. The app also Integrates the browser based localStorage API to allow users to store their workout data directly in the browser.

HTML/CSS, JavaScript, Web API.

• Ichiraku - Create & Search for Recipes • *ichiraku-recipe.netlify.app*

Allows searching for over 1,000,000 recipes online using the forkify API. Users can also create and upload their own recipes to the API as well as bookmark their favorite recipes.

HTML/CSS, JavaScript, Web API.

• Github User Finder • *repos-searcher.netlify.app*

Search for Github users and view their repos, followers, following count, gists, website, bio, real name, location, repo count and whether or not they're hierable.

HTML/CSS, JavaScript, Web API.