Maurice Willis

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TECHNICAL SKILLS

Programming Languages: TypeScript, JavaScript, HTML, CSS, SCSS
Frameworks & Libraries: React.js, Next.js, React-Native, Redux/Redux-Saga, React Query, GraphQL, Storybook, i18n, Tailwind
Developer Tools: Git, MongoDB, Xcode, BitBucket CI/CD, Gradle, Firebase, PostgreSQL, Microsoft App Center, Webpack

EXPERIENCE

Frontend Engineer
App Bar - Remote

Mar 2022 – Present — Hong Kong

- Integrated and developed a reusable solution for cross-platform CI/CD remote deployments for **React-Native** Android/iOS applications, using **Microsoft CodePush** and **BitBucket Deployment Pipelines**. Reducing build times by 50% and optimizing development processes by 25%, thus allowing for updates to be pushed to production quickly with a more refined UX.

- Handled the production launch and overall Frontend development of one large-scale HR-related PWA that included a user-facing system and an administrative CMS built on **React.js**, and two social/life-style applications built on **React-Native** with a **Next.js** CMS for each application.

- Developed and maintained a custom **npm library** containing hooks and utility functions for **React.js/Next.js WebView** applications to interact natively with **React-Native** applications, reducing development time by 25% and allowing WebView applications to be shipped to clients quickly.

- Collaborated with back-end engineers, product managers and UI/UX designers in an Agile environment to ensure requirements are aligned, deliverable timelines are fair and that technical implications are taken care of on an API and UI/UX design level.

- Conducted code and documentation review sessions with other Frontend Engineers to ensure that code was well documented and followed best practice coding standards.

Web Engineer
Gravity Supply Chain Solutions - Remote

Nov 2020 – Sep 2022 — Hong Kong

- Maintained the company corporate website using **HTML/CSS/JS**, and ensured all current and future web pages were following mobile and desktop responsive design, as well as accessibility best practices through semantic HTML.

- Developed and published product and demo web-pages to production, integrated with HubSpot CRM to help achieve 200 more leads and a 5% increase in conversions per page.

- Implemented testing tools that monitored the ongoing performance of the website and ensured minimal downtime through continued performance updates.

- Created user heat-maps using HotJar for product pages to improve viewership by 25% and lower bounce rate metrics by 10%.

Frontend Instructor
BSD Education

Feb 2020 – Jan 2022 — Hong Kong / Singapore

- Taught and led programming classes and camps within the areas of artificial intelligence with JavaScript, front-end web development, A Frame virtual reality, game development and mobile app development with Thunkable

EDUCATION

Australian National University
Bachelor of Commerce, Business Information Systems

Australia
Feb 2018 - Jul 2022