Alwin George

Software Engineer
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Software Engineer who genuinely loves solving problems and is always learning new Tech stacks to solve complex problems and build interesting projects. Able to self manage during independent projects, as well as collaborate in a team setting.

Work Experience

Software Engineer — Liftango — Sep 2022 - Current

- Reduced monthly Twilio costs by analysing SMS triggers, prioritising push notifications over SMS, and ensuring SMS are sent only if push notifications fail. Additionally, refactored SMS message content to reduce character size, further lowering expenses.
- Contributed to refining the front-end, in React Native to meet evolving feature demands and enhance user experience.
- Added to the back-end service, working with Express JS to update and overhaul API endpoints for new functionalities and user needs.
- Significantly broadened technical knowledge and skills, supporting continuous professional development in the app development sector.

Software Engineer — Brightspark Labs — Jan 2022 - Aug 2022

- Contributed to the development of an enhanced prototype for the existing node graph visualiser using React Fiber, enabling finer control over every aspect of the 3D graph due to the limited flexibility of the react-force-graph library.
- Enhanced the in-house codebase by contributing to the Angular front end and Java-based Dropwizard backend, resulting in improved application performance.
- Simplified software setup with bash scripts that automated configuration and reduced execution time enhancing efficiency and ease of use, fostering a collaborative work environment.
- Modernised outdated documentation, ensuring it was up-to-date, comprehensive, and user-friendly, thereby streamlining the onboarding process for new team members and enhancing overall project accessibility.

I.T Client Relations Consultant — Ipau — Jan 2021 - Jan 2022

- Oversaw IT operations for multiple primary schools, ensuring comprehensive support and system administration across servers, networks, and IT infrastructure.
- Optimised workflows through scripting.
- Maintained school websites, ensuring their continuous operation and accessibility.
- Provided both onsite and remote technical assistance to address IT issues.
- Managed Windows Servers, PCs, and mobile devices, ensuring their efficient operation.

Education

Software Engineering — General Assembly Bootcamp — Jun 2021 - Dec 2021

- Developed a full-stack web application using React for the front end and Express.js for the backend as part of the final project, a web app that allows users to create and vote on polls
- Developed a ticket managing system with flask a lightweight python back-end framework utilising it's jinja templating engine for the front end

Bachelor of Information Technology — James Cook University — 2018 - 2020

- Engaged in annual 3-day sprints, working alongside local subject matter experts to create and showcase an MVP solution to a panel of SMEs, achieving 2nd place in the final year with our disaster relief live chatbot prototype.
- Developed a task management system in Android Studio with Java, featuring intuitive user interfaces for streamlined task organisation, prioritisation, and management, including functionalities for adding, editing, and deleting tasks.

Skills

HTML/CSS | JavaScript/Typescript | Python | C# | React Js | React Native | Node.js | Flask | Postgres (SQL) | MongoDB | Sequelize | Unit/End-to-end testing (Jest/Cypress)