MICHAEL IGNAT

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Summary

- Extremely driven engineer that is a proven individual contributor and thrives when working in a team. Seeking to further expand full-stack capabilities while also solidifying current skills.

Skills

- React | JavaScript | TypeScript (ES6+) | TailwindCSS | Sass | Node | Express | Go | Postgres
- Redux | Redux Toolkit | AWS | Jest | Cypress | Storybook | Figma | UI/UX | CI/CD | Docker | Git

Experience

Software Engineer	EXTAG	Jan 2022 - Current

- Led the refactoring and separation of a core application component. Removed functionality from the monorepo, standardising implementations to other internal repositories using references via a package.
- Designed, implemented and refactored scalable API endpoints using **NodeJS** (Express)**,** decreasing certain request times by **80%**.
- Visualised complex on-site client data using third-party map integrations, manipulating data into geographical tiles, polygons and markers.
- Overhauled and simplified previous unit testing implementations, increasing frontend unit test coverage by **30%** using **Jest** and **React Testing Library**. Extended end-to-end testing using **Cypress**. Assisted in implementing and revising previous tests with **Storybook**.
- Enriched client metrics by integrating statistical views and shortcuts with a user dashboard, driving average user workflow up by **15%**.
- Performed common agile practices, pull requests and code reviews.

Software Engineer	Freelance	Aug 2021 - Current

- Engineered scalable, responsive, multi-platform and SEO friendly websites for multiple clients using **TypeScript ES6+**, **React**, **NextJS** and **TailwindCSS** best practices.
- Applied industry standard **UX** and **UI** design with **Figma**, consistently re-iterating frames based on client feedback.
- Produced flexible, high speed API routes using **NodeJS** (Express) or **Go**.
- Automated REST API client, server stubs and documentation using **OpenAPI** code generation tools.
- Communicated business and system requirements with stakeholders, delivering high quality solutions before expected deadlines.

Level 2 IT Support Technician	Virtuosys IT	Jun 2018 - Nov 2021

- Used analytical and troubleshooting skills to reach new solutions, actively preventing problems from repeatedly appearing.
- Explained technical concepts to non-technical clients or teammates, ensuring that other cross-functional members are able to understand technical challenges.
- Accomplished complex tasks by working in autonomous and collaborative environments.

Education

Bachelor of Computer Science	Edith Cowan University	Jul 2019 - Jul 2022

- Major in Software Engineering

Projects

Figma, NextJS 13, Typescript, Tailwind CSS	Context Cloud	*UI Design*	*Freelance*	Nov 2022

- Used **NextJS 13** to provide a seamless server-side rendered static site experience.
- Built mobile-friendly, re-usable UI components to vastly improve development speed using **TailwindCSS.**
- Created a new company logo and developed UI mockups using **Figma**.

Figma, React, Typescript, OpenAPI Codegen, Postgres	Inflow	*UI* - *Landing* - Demo	*Freelance*	Jan 2022

- Automatically generated server API routes and client-side calls using **OpenAPI Code Generation**.
- Designed and implemented the frontend using **Figma** and **React**, mirroring UI designs with **TailwindCSS**.
- Implemented chunked file uploading, reducing server load during requests while simultaneously increasing upload performance.

Referees

- Available upon request.