FINNEAS BUICK

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FULLSTACK ENGINEER

Driven Fullstack Software Engineer | Expertise in React, Next.js, and TypeScript | Seeking Opportunities to Drive Technological Advancements and Deliver Impactful Solutions | Ownership-focused - taking full responsibility for projects, driving improvements, solving issues proactively

WORK EXPERIENCE

UPSTREET, SYDNEY | SOFTWARE ENGINEER — APR 2021 - SEP 2023

Reward Hub:

- Built Reward Hub, a scalable multi-tenant Next.js/React app written in TypeScript. Enabling 5 organisations, serving ~500 employees, to efficiently manage internal employee share rewards.
- Implemented a bulk upload feature in Reward Hub, resulting in a ~90% improvement in client efficiency when adding rewards to the platform.
- Delivered the MVP release a week ahead of schedule, earning recognition from the CEO for exceptional performance.

User Portal:

- Led the development and maintenance of a full-stack web application serving 23K+ users and maintaining 4K+ monthly active users, with 10K+ active investors (users with processed transactions), utilising React, TypeScript, and Material UI.
- Created and maintained TypeScript APIs with GCP Cloud Functions and Firebase, utilising Test Driven Development practices to ensure reliability and performance.
- Designed and implemented a secure email verification system using React, Firebase Auth SDK, and SendGrid, enhancing user security and improving the platform's user experience.
- Actively promoted knowledge sharing in engineering meetings, introducing new technologies and insights to improve the team's productivity and efficiency.

PROJECTS

SPOTIFY JUDGER AI CHATBOT

- Developed an interactive AI chat bot with Next.js, Tailwind CSS, and OpenAI's Chat Completion API, providing a playful and engaging experience for users to evaluate their music preferences.
- Integrated real-time music data from the Spotify Web API.
- Deployed and accessible at https://spotify-judger.vercel.app.

FINGER COUNTER

- Developed a Python-based computer vision project using OpenCV to identify the number of fingers in live video streams.
- Demonstrated proficiency in computer vision, Python, and OpenCV and image processing techniques done as part of a self directed learning course during university.

EDUCATION

MACQUARIE UNIVERSITY — FEB 2015 - DEC 2021

Bachelor of Engineering, Software (Honours)

SKILLS

PROGRAMMING LANGUAGES	LIBRARIES & FRAMEWORKS	TOOLS & PLATFORMS
TypeScript/JavaScript	React/Next.js	Git/Github Actions
Python	Jest, Cypress, StoryBook	Jira, Slack, Confluence
Java	MUI, TailwindCSS	Google Cloud Platform
HTML	TanStack Query	Vercel
SASS/CSS	Express	Terraform
SQL	Vite	DataDog