Nicholas Bingham

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SUMMARY

Full-stack software engineer with experience in various front-end, back-end and testing technologies. Highly adaptable and dedicated to producing quality code and fostering productive workflows and environments.

SKILLS

Tech: JavaScript ES6+, TypeScript, React, Redux, Redux Toolkit, Redux Thunk, Next.js, Vite, Node.js, Express, Prisma, PostgreSQL, Firebase, Cypress, Jest, HTML, CSS, SCSS/SASS, Git, Material UI
Other: Agile, Scrum, Code review, Stand up, Sprint grooming, Japanese and Korean language, Teaching

EXPERIENCE

Formation - Full Stack Engineering Fellow   **Sept. 2023 – Present**
- Selected for a highly competitive Fellowship designed to uplevel software engineering knowledge and skills through individualized curriculum to target growth areas and personalized coaching from industry leading software engineers

Dark Matter Software - Front End Developer   **July 2022 – Present**
- Migrated the company website from Django templates to React using Vite and SCSS, resulting in a 97% reduction in website size and a 50% decrease in load time
- Enhanced user accessibility ratings by 100% by ensuring compliance with WCAG standards and collaborating closely with designers for intuitive user experiences
- Conducted code reviews for developers of all skill levels and provided constructive feedback to improve efficiency and reduce technical debt
- Implemented image compression, JavaScript minification, and addressed technical debt to optimize website performance
- Upheld Agile practices leveraging Trello, Slack, and other various tools for communication, grooming and tracking workload to meet deadlines
- Researched pros, cons, and best practices for technologies and documented findings in internal technical documents such as programming style guides and ADRs

Dream Forest | Next.js, React, Redux, Redux Toolkit, Redux Thunk, Express,   **July 2023 – Aug. 2023**
Node.js, TypeScript, JavaScript, Prisma, PostgreSQL, Material UI (MUI), HTML, CSS
A web app for users to create and store their goals trees, which can be viewed in an interactive visual tree graph
- Developed a web client application from planning to execution in Next.js and Node.js with Express to allow users to sign-in via Google OAuth and manage their goal tree
- Planned and executed Redux and Redux Thunk architecture to manage global state and side-effects
- Utilized Material UI (MUI) to create a cohesive, responsive web application
- Designed a comprehensive API using Express, integrated with Prisma and PostgreSQL, to effectively manage Google OAuth and provide secure data management for the client application

Daily Happiness | TypeScript, React, Firebase, Cypress**,** HTML, CSS, SCSS/SASS   **Dec. 2022 – July 2023**
A responsive web app enabling users to upload and view their cherished memories via text and an optional photo
- Implemented authentication capabilities, enabling account creation and storage via email and password
- Employed file compression on file upload, minimizing write size and maximizing database storage space
- Persisted user login state, eliminating the need for users to frequently re-login
- Leveraged real-time data collection to allow users immediate access to newly created documents

HIGHER EDUCATION

Hawaii Pacific University   **Aug. 2009 – May 2014**
BA in TESOL, minor in Japanese   Honolulu, HI