

Nicholas Bingham

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Portfolio: <https://nick-bingham.netlify.app/>
GitHub: <https://github.com/Knikkey>

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

WORK EXPERIENCE

Dark Matter Software - Front End Developer

July 2022 – Present

- Rebuilt the company website from Django templates to React with Vite and SCSS
 - Reduced website size by 97% and website load time by 50%
 - Compressed images, minified JavaScript, and addressed technical debt
 - Enhanced user accessibility ratings by 100%
- Implemented various new features to spec while collaborating with designers to ensure accessibility and intuitive user experiences
- Conducted code reviews for developers of all skill levels and provided constructive feedback to improve efficiency and reduce technical debt
- 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

Korean Government - Native English Teacher

Sept. 2017 – Sept. 2023

- Worked collaboratively with colleagues in the English department to develop and execute effective lesson plans while meeting deadlines, fostering a positive and supportive team environment
- Utilized clear and concise language to effectively communicate complex concepts to non-native English-speaking students and foster communication skills

PROJECTS

Goal Tree | Next.js, React, Redux, Redux Toolkit, Redux Thunk, Express, 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

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

BA in TESOL, minor in Japanese

Aug. 2009 – May 2014

Honolulu, HI