

# Nicholas Bingham

Personal info removed for public version

## SKILLS

---

Tech: HTML, CSS, SCSS/SASS, JavaScript, TypeScript, React, Git, Firebase, Cypress, Node.js, Express

Personal: Agile Scrum, Code Reviews, Stand Ups, Sprint Grooming, Japanese and Korean language, teaching

## WORK EXPERIENCE

---

### Dark Matter Software - Front End Developer Intern

Dec. 2022 – Present

- Rebuilt the company website from Django templates to React with Vite and SCSS
  - Compressed images, minified JavaScript, and removed bloat legacy code, reducing website size by 97% and website load time by 50%
  - Improved color contrast to accommodate visually impaired users and added proper alt and aria tags to elements, improving accessibility ratings by 100%
  - Successfully initiated the migration of the company website to Next.js by developing a comprehensive ADR (Architectural Decision Record) that effectively communicated the pros and cons of doing so
- Contributed actively to code reviews and submitted pull requests within a fast-paced, two-week agile scrum sprint cycle, utilizing Trello as a project management tool to meticulously track and prioritize tickets

### Korean Government - Native English Teacher

Sept. 2017 – Present

- 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

---

### Daily Happiness | HTML, CSS, TypeScript, React, SCSS/SASS, Firebase, Cypress

A responsive web app enabling users to upload and view their cherished memories via text and an optional photo

<https://daily-happiness.netlify.app/>

- 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
- Utilized Firebase features to automatically save 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

### Profile Page | HTML, CSS, JavaScript, React, Firebase, Cypress

A web page showcasing my skills in developing responsive and dynamic websites and user interfaces

<https://nick-bingham.netlify.app/>

- Created a database storage with Firebase to fetch project documents using async JavaScript functions
- Enhanced user experience by implemented chronological sorting and language-based filtering
- Improved website performance by utilizing browser caching, reducing the number of read requests to the server
- Implemented a contact page that utilizes EmailJS, enabling seamless transmission of form content to my email

## HIGHER EDUCATION

---

### Hawaii Pacific University

BA in TESOL, minor in Japanese

Cum laude; 3.4/4.0 GPA

May 2014

Honolulu, HI