

# Nicholas Bingham

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## SKILLS

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Tech: HTML, CSS, SCSS/SASS, JavaScript, TypeScript, React, Git, GitHub, Firebase, Cypress, Node.JS, Express  
Personal: Conversational in Japanese and Korean languages, teaching/tutoring, leadership, teamwork, time management, communication, organization, strategic planning, intrinsic motivation, problem-solving

## WORK EXPERIENCE

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### Dark Matter Software - Front End Developer

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 3,800% and website load time by 50%
  - Changed color combinations 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 and gained approval from the team
- Contributed actively to code reviews and submitted pull requests within a fast-paced, two-week sprint cycle, utilizing Trello as a project management tool to meticulously track and prioritize tickets
- Participated in multiple agile ceremonies including daily stand up, sprint grooming, and retro

### 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

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### 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

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### **Hawaii Pacific University**

BA in TESOL, minor in Japanese

**May 2014**  
Honolulu, HI

- Cum laude; 3.4/4.0 GPA
- Studied abroad in Hakodate, Japan during fall 2012 and spring 2013 semesters (Hakodate University)