

Nicha Thongpanchang

Software Engineer

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San Francisco, CA

[Portfolio](#)

[Linkedin](#)

[GitHub](#)

Skills

- **Language:** JavaScript, Ruby, SQL, Python
- **Frameworks:** Ruby on Rails, Node.js, Express.js
- **Libraries:** React, Redux, D3.js, Webpack, jQuery
- **Technologies:** HTML, CSS, MongoDB, PostgreSQL, Git, Heroku, Google Map API, AWS S3, Figma

Relevant Experience

Software Engineer | Bloomy Physio

May 2023 - Present

- Independently designed a UX/UI prototype using **Figma**, adeptly addressing accessibility standards to ensure the website's usability for individuals with disabilities
- Collaborated closely with the business owner, balancing creative vision with requirements, and efficiently managing feedback. Reduced the workload by 30+ hours during the website design process

Software Engineer Apprentice | App Academy (Hacker in Residence)

May 2022 - Present

- Successfully resolved complex technical issues, provided expert guidance in **JavaScript, Git, Boolean, HTML/CSS**, and conducted 1:1 sessions, significantly contributing to elevated student success rates
- Demonstrated coding expertise by conducting 100+ technical interviews and pair-programming sessions in **JavaScript, Ruby, and Python**. Evaluated candidates' readiness for the program, emphasizing both technical competence and communication skills
- Utilized insights from 800+ non-technical interviews to assess concerning candidates, leading to a 50% increase in team efficiency and a more inclusive work environment for successful candidates

Projects

Tackle Real World Problem - SFMOMA | Node.js, JavaScript

[portfolio](#)

Designed API routes and NFC for personalized museum experiences to boost attendance and attract new customers

- Addressed the critical issue of enhancing customer satisfaction and retaining attendees through innovative NFC-based ticketing and secure registration
- Developed API routes to offer tailored exhibition recommendations, drive visitor engagement, and foster customer loyalty through VIP experiences and exclusive event invitations using collected ticket data

Sprout | MongoDB, Express.js, Node.js, React / Redux, CSS, AWS, Heroku

[live site](#) | [github](#)

A MERN stack application that provides users with a reminder system and helpful tips to successfully grow plants

- Enhanced the application's capabilities by strategically implementing **AWS S3** and **MongoDB** to establish a robust, secure, and scalable remote photo storage system
- Effectively supervised and coordinated frontend efforts within a collaborative team environment, leveraging React and RESTful routes to provide a fully styled UI and comprehensive CRUD functionality for plant-related features

Petday | Ruby on Rails, React / Redux, Google API, AWS, CSS, Heroku

[live site](#) | [github](#)

A full-stack single-page app clone of Yelp for finding local pet-friendly businesses including restaurants, bars, and more

- Developed custom logic to create a highly-flexible search component in **React**, enabling users to find businesses by name, category, and location in a straightforward, seamless manner
- Incorporated **Google Maps API** for users to visualize business locations with Petday-themed custom markers

Bay Area House Price | JavaScript, D3.js, HTML, CSS

[live site](#) | [github](#)

A data visualization project comparing Bay Area house price

- Designed and built the project from scratch within a tight 3-day timeframe, showcasing proficiency in JavaScript and **D3.js** to manipulate geographic data
- Enhanced user engagement through hover features, facilitating easy information comparison and improved readability, ultimately delivering substantial value to investors

Education

App Academy | Spring 2021 | San Francisco, CA

Immersive software development 16 weeks program with a focus on full-stack web development with 3% acceptance rate

Mahidol University International College | BS in Biology with a Biomedical Concentration | Thailand