

# Nicha Thongpanchang

## Full Stack Software Engineer

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San Francisco, CA

[Portfolio](#)

[Linkedin](#)

[GitHub](#)

### Skills

JavaScript, Ruby on Rails, React, Redux, HTML, CSS, Ruby, Mongoose, MongoDB, Node.js, Express.js, SQL, SQLite3, PostgreSQL, D3.js, Webpack, jQuery, Git, Heroku, Google Maps API, Amazon Web Services (AWS)

### Projects

**Sprout** || MongoDB, Express.js, Node.js, React / Redux, CSS3, AWS, Heroku

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

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

- Employed AWS S3 and MongoDB to handle remote photo storage, allowing users to safely upload and view plant photos and ensuring future efficient scalability
- Constructed fully-styled React frontend and connected to Node/Express backend via RESTful routes, providing users with full CRUD functionality for plants
- Collaborated with a team of 3 engineers as frontend lead using Git branch workflow to avoid merge conflicts and achieve feature completion in a timely manner

**Petday** || Ruby on Rails, React / Redux, Google API, AWS, CSS3, 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** || SODA API, JavaScript, D3.js, HTML5, CSS3, Heroku

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

*A data visualization app for exploring and comparing average home prices in the San Francisco Bay area*

- Leveraged D3.js library to create interactive data visualizations so users can intuitively analyze home prices
- Integrated data from SODA API and paired D3.js with custom CSS styling to manipulate and present geographic data with specific JSON format of GeoJSON

### Experience

**Software Engineering Apprentice** | App Academy

May 2022 - Present

- Conducted non-technical behavior interviews and mentoring students who are embarking on education in software engineer
- Conducted technical interviews and assessed algorithmic aptitude in JavaScript, Ruby, and Python

**Certified Nurse Assistant** | Generation Health Inc.

March 2020 - April 2021

- Provided high-quality patient care for 8+ patients at a time under the supervision of nurses in a rehabilitation and short-term care facility
- Monitored accuracy of patient data on flowsheets containing vital signs (e.g. temperature, heart rate, blood pressure) on Point of Care system

**Restaurant Manager** | Beau Thai Restaurant

October 2017 - February 2020

- Created new training checklists and trained 20+ kitchen staff in Toast point-of-sale software
- Created a popular and seasonal menu with more than 95% satisfaction of customers based on Yelp reviews
- Enhanced employee efficiency with new training and increased sales after 4 months
- Managed daily operations and created strategies for long-term cost reductions and improved marketing plans by utilizing social media resources

### Education

**App Academy** | Spring 2021 | San Francisco, CA

Immersive software development course with a focus on full-stack web development with 3% acceptance rate

**Mahidol University International College** | Summer 2014 | Bangkok, Thailand

Bachelor of Science, Biomedical Sciences Concentration