

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