

Daniel Thai

software engineer

P. (623) 570-1925

danielthai14@gmail.com

[LinkedIn](#)

[Github](#)

[Portfolio](#)

Languages: JavaScript, TypeScript, Python, Java, SQL, HTML, CSS, PostgreSQL

Framework tools: Angular, React, NodeJs, NestJs, Spring-Boot, Flask, Jest, Express, Mockito

Tools and libraries: Git, Github, RxJs / NgRx, Redux, SQLAlchemy, Sequelize, Alembic, AWS S3, Docker, Jira, Figma

EXPERIENCE

Software Engineer ZoomInfo

June 2022 - Present

- Developed reusable components and cutting-edge features with **Angular-TypeScript**, meeting strict two-week sprint deadlines.
- Collaborated with UX designers and Product Managers to interpret complex feature requirements, using **Jira** to align with **acceptance criterias** and user needs.
- Implemented **Nest.js** middleware for secure data sanitization from backend **MongoDB**, ensuring data integrity.
- Maintained high code quality with robust **Jest** and **Mockito** unit tests, contributing to achieving over 85% code coverage and fly deployment status in multiple repositories.

Microbiology Lab Technician Food Safety Net Services,

Sep 2019 - Aug 2020

- Prepared 50+ samples into Petri dishes or testing environments to meet standards for pathogen testing on a daily basis.
- Conducted data entry by inputting 50+ sample details into a LIMS system database.
- Conducted customer service by communicating test statuses and issues with 20+ clients daily over the phone or by email.
- Promoted from *Data entry lab technician* to *Microbiology Lab technician* in Jan 2020.

HACKATHON

Data Discrepancy Tracker ZoomInfo, Aatral North America Hackathon

October 2022

API that stores, logs, and reports analytics discrepancy between backend data and data that appears on platform's UI allowing engineers to become more proactive in providing vital triage information.

- Collaborated with five other engineers on drawboarding the dataflow from UI, middleware layer, and backend MongoDB.
- Learned how data is being processed and helped find solutions for calculating discrepancy in data.
- Project was adopted into the company toolkit for engineers to use to speed up the debugging process and pinpoint issues.

PROJECTS

Cheapbnb

[Github](#)

Inspired clone of Airbnb allowing for users to host their home for rental. Developed with JavaScript, React /Redux, Python, Flask, SQLAlchemy, PostgreSQL, AWS S3, Docker, HTML, and CSS.

- Developed a home rental hosting feature that allowed users to register information into a **PostgreSQL** database that utilizes **AWS S3** to upload image files from a local machine into the database.
- Implemented CRUD actions for spots and reviews using **React / Redux** to Flask API routes.
- Optimized **Redux** store to have a normalized state for easier data flow from backend API routes into frontend state.

Cheatsheets

[Github](#)

Inspired by the platform Instructables which allows users to create step-by-step plans. Developed with JavaScript, React /Redux, Python, Flask, SQLAlchemy, PostgreSQL, Docker, AWS S3, HTML, and CSS.

- Collaborated with three other colleagues using **Git** version control, and kanban board to organize priorities to meet important objectives on time.
- Implemented a search bar that searches for keywords in a project's title using a custom API query through the backend database using **Flask**.
- Designed a homepage using vanilla CSS and using 3rd party **React library** to implement a carousel element.

EDUCATION

Software Engineering / Full-Stack Web Development at App Academy - 2022

Bachelor of Science - Nutritional Science at University of Arizona - Tucson, AZ