

Jim Nguy

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[Portfolio](#)

[LinkedIn](#)

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PROFILE

With a passion for optimizing systems, my background is in the fast-paced food industry. As I pivot and launch a career in software engineering, I'm eager to leverage my knack for quality, eye for detail, and technical know-how to provide creative and impactful app experiences for users.

SKILLS

Languages: JavaScript, Python

Frontend: React, Redux, HTML5, CSS3

Backend: Express, Flask, SQL, SQLAlchemy, PostgreSQL, Sequelize

Other: Git, Docker, Node.js, Pug Templates, Jinja, AutoCAD, R&D, LEAN methodologies, Design of Experiments, Sensory Evaluation Techniques, ESHA Genesis R&D, Teklynx Labelview, Microsoft Office

TECHNICAL EXPERIENCE & PROJECTS

Mise-En | (Javascript: React, Redux. Python: Flask, SQLAlchemy, PostgreSQL. Deploy: Heroku)

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

Designed to facilitate the gathering of friends at events centered around preparing a meal together

- Utilized a **SHA256 hash function** to generate unique URLs for each attendee, and **Flask** to authenticate URLs and grant user access to permitted information.
- Designed **React** components to operate as a single page app, granting users an intuitive **UI / UX** experience.
- Implemented **Redux** global store with **React** to reduce unnecessary **API** loads and dispatch only necessary actions.

Cook-Off | (Javascript: React, Redux, Express, Sequelize, PostgreSQL. Deploy: Heroku)

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

Meet-Up clone based on creating events where chefs "cook-off" for collaboration or create a revenue source during covid

- Integrated **Express** framework and **Sequelize** to query upcoming, previous, and unjoined events/groups for users and provided users a simple-to-use carousel with cards to access each event or group organized chronologically.
- Managed **CRUD** operations for events and groups using custom, back end validation logic.

Member Berries | (Javascript: React, Redux. Python: Flask, SQLAlchemy, PostgreSQL. Deploy: Heroku)

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

Remember The Milk clone, focused on tracking user's tasks in a custom-designed UI

- Used **React** to create custom cards to display uncompleted tasks with a simple **UI** design, permitting users to dynamically update completion task status.
- Utilized **Flask** and **SQLAlchemy** to query for tasks by name and due dates, allowing users to quickly and efficiently access organized tasks maintained in the **Redux** store.

ADDITIONAL EXPERIENCE

Plant Engineer, *The Fillo Factory*

May 2019 - Aug 2020

- Advised and led solutions for improvement by applying **scientific and engineering principles** to resolve problems across every department, gathering and analyzing data to **determine root cause and opportunities**.
- Led > **30 projects** across various departments, tracking and evaluating metrics to continuously improve operational processes, ingredient utilization, and Overall Equipment Effectiveness (OEE).

R&D Project Manager/Product Developer, *The Fillo Factory*

Aug 2017 - May 2019

- Established a **streamlined framework** for documenting formulas, procedures, costs, and specifications.
- Utilized Excel to create simple databases for relevant packaging specs and ingredients costs, doubling completion rate for project phases from prior system and **increasing R&D project capacity by 300% in < 2 years**.
- Created a **simplified system** to accurately create and update product specifications, trained team members on system usage, and audited existing data, updating to meet regulatory and client needs.

Executive Chef/ Research and Development, *Genesis BBQ Global*

May 2016 - Feb 2017

- Spearheaded the success of a team of **41** employees at flagship Manhattan restaurant: managing operations, training, scheduling, hiring, and quality control to deliver a 'perfect product' to customers.

EDUCATION

AppAcademy - Full stack web development program with < 3% acceptance rate

Dec 2020 - May 2021

The Culinary Institute of America - AOS, Bachelors of Professional Studies for Culinary Science

Oct 2012 - Dec 2015

HACCP Certification

2015