Rachel Jiang

FULLSTACK DEVELOPER

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EDUCATION

THE GRACE HOPPER PROGRAM
July 2022
Software Engineering Immersive
Fullstack Academy

NYC COLLEGE OF TECHNOLOGY
December 2018
B.S. Radiological Science
magna cum laude

PROFESSIONAL DEVELOPMENT

LANGUAGES
JavaScript
HTML5
CSS3
Python

LIBRARIES / FRAMEWORKS
Node.js / Express
React / React Native
Redux
PostgreSQL
Sequelize
Firebase
Tailwind
Bootstrap
Expo

TOOLS
Git / GitHub
Miro

PROFESSIONAL SUMMARY

Highly motivated Grace Hopper Program graduate, experienced in full stack application development. Seeking an entry-level software engineering role in a company that values diversity, inclusivity, and opportunities for learning and growth.

PROJECTS

Tomato - Full Stack Developer   July 2022
Social media platform that allows users to interact with each other based on their physical proximity - (GitHub, YouTube)
- Designed and built a real-time map-based social media mobile app using **React Native**, featuring **Google Maps API** integration and a friend request system
- Utilized **Firebase**'s NoSQL database for efficient user authentication and data management
- Successfully deployed and tested the app on **Expo**

Ingredient Inspector - Full Stack Developer   June 2022
Food interpreter web app that accurately predicts ingredients from a submitted photo - (GitHub)
- Created a web app using **React** and **Node.js** with **Express** and incorporated **Bootstrap** styling
- Leveraged **Clarifai**'s visual-recognition API to generate a list of related ingredients and accurately predict their presence
- Implemented a clean, user-friendly UI using **Bootstrap** that displays a table of ingredients with their accuracy rates

Pet Play - Full Stack Developer   June 2022
E-commerce platform specializing in selling pet goods to devoted animal lovers - (GitHub)
- Planned and developed a **Node.js** e-commerce web app that provides a seamless user experience for guests, registered customers, and sellers
- Integrated **React** with **Redux** to efficiently manage and maintain user cart and inventory states
- Employed **PostgreSQL** and **Sequelize** to facilitate basic CRUD (create, read, update, delete) operations for user carts and inventory

WORK EXPERIENCE

X-Ray Technologist - (Mammography)   Sept 2017 - Aug 2021
NYU Langone Health
- Delivered comprehensive training programs on new workflows following software updates
- Managed and motivated a team of 5-7 technologists to complete daily tasks with a high level of efficiency and timeliness
- Significantly reduced turnaround times by implementing new processes, leading to achievement of departmental KPI goal in responding to 80% of emergencies within 15 minutes
- Established strong rapport with 30 patients daily through effective and empathetic communication, resulting in a high level of trust and understanding of procedures