


RUIXIANG LIN

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Education

Nanyang Technological University

Aug 2020 – Present

Bachelor of Engineering (Computer Science)

Innova Junior College

Experience

Omna.io

Jan 2024 – Present

Software Engineer Intern

- Spearhead automated testing by designing and implementing test cases to improve speed to production using Vitest and SST.
- Implemented frontend UI for web application and debug render issues in ReactJs.
- Collaborated in development of serverless application that synchronise multiple retail platforms for users in NodeJs and MongoDB

FaceSec Singapore

Dec 2021 – Jul 2022

Software Engineer Intern

- Tasked with full-stack development of admin console to aggregate and manage client subscriptions and consumption of services in ReactJs and Java Springboot.
- Crafted and conducted unit tests with Spring Test, focusing on edge cases to ensure software quality.
- Incorporated GitLab CI/CD to provide continuous integration service in order to automated the process of building and testing of code for smooth deployment process.

Projects

Recipe Recommendation App | *Javascript, ReactJS, NodeJS, Google Firebase, AWS RDS*

- Created a web app to assist on ingredient management and provide recipe recommendations.
- Integrated with Spoonacular API to display information on delicious recipe and allergens.
- Saves user ingredients on MySQL and provide personalised recommendations based on expiring ingredients to minimise food wastage.

Utility Aggregator App | *Java, Android Studio, NodeJS, MongoDB*

- Created a prototype household utility management app using Java and NodeJS with the goal of minimising cost on electricity and water consumption.
- Process water and electricity consumption of the household on a 1 minute interval to provide current analysis through personalised tips.
- Provide interactive interface to display utility consumption on various time frames and set consumption budget for selected time intervals.

LifeHack Hackthon, NUS | *Javascript, React Native, Google Firebase, GoogleMap API.*

- Developed a mobile app with React Native to match users for selected activities to encourage face-to-face interactions in post COVID19 world.
- Integrated firebase to authenticate user and GoogleMaps API for map functionalities.

Technical Skills

Natural Languages: English, Chinese

Technologies/Frameworks: Python, Java, HTML/CSS, Typescript, SQL, Git, ReactJS, NodeJS, NextJS, React Native, Java Springboot, MySQL, MongoDB, Figma, CSS/HTML, Google Firebase, AWS Services