

# JUSTIN ANG

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[portfolio-website-jang970.vercel.app/](https://portfolio-website-jang970.vercel.app/) | [github.com/jang970](https://github.com/jang970)

## EDUCATION

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**University of Auckland** - Bachelor of Engineering, Part III Software Engineering 2021-2024

- Dean's Honours List 2022 - Awarded to top **5%** of students in the Engineering cohort
- Relevant Coursework: OOP, Data Structures & Algorithms, Software Design, Operating Systems, Database Design

## TECHNICAL SKILLS

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**Languages** : Typescript, Javascript, HTML/CSS, Python, Java

**Frameworks/Other Technology** : NextJS, ReactJS, Firebase, Git

## PROJECTS

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### Blogging Platform

*An application that takes inspiration from Medium*

Typescript | NextJS | Firebase

- Made use of **Typescript** for robustness & readability
- Leverages Next.js's **ISR, SSR & SSG** rendering strategies
- **Sign in & authentication** of users via Firebase Auth
- Storage of crucial data (usernames, posts) via **Firebase Database**
- Deployed here: [my-blogging-platform](#)

### Chat Application

*A nice messaging application to leverage connecting a BaaS to a frontend*

Typescript | NextJS | Tailwind | Firebase

- Made use of **Typescript** for robustness & readability
- **Sign in & authentication** of users via Firebase Auth
- Storage of messages via **Firebase Database**
- Styling done with **Tailwind** (support for smaller screens)

### Java Quick, Draw!

*An educational drawing game inspired by Google's Quick, Draw!*

Java

- Won award for overall **best game in cohort**
- Developed with Java/JavaFX to handle the functionality and as well as the UI
- Added user login and registration with the use of GSON Library

### E-Commerce Store

*Mock up e-store that displays clothing items for sale*

React

- Allows user to add items to a 'cart' which calculates total price
- Has **filter** options to sort by item type
- List of items stored on a backend with the use of JSON server API

## WORK EXPERIENCE & EXTRACURRICULAR

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### WDCC x SESA Hackathon | Front-end developer

July 2022

*Created a meal planner app that would take an input of ingredients and output back a list of meals and their specific recipes.*

React

- Worked in a group with 3 other developers
- Presented application to the other Hackathon participants at the end

## CHARACTER REFERENCE

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Omar Tamayo | Sancta Maria College | 022 390 2811