JUSTIN CHONG ZHI YU

Software Engineer

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EXPERIENCE

Software Engineer
Renew Group

📅 Jul 2023 – Ongoing

- Developed and maintained cross-platform applications using Flutter and React for iOS, Android, and web.
- Led migration from AWS EC2 to a serverless architecture using AWS Lambda, reducing infrastructure costs by thousands of dollars.
- Implemented CI/CD pipelines with GitHub Actions and CircleCI for automated testing and streamlined deployment workflows.

Software Engineer Intern
ST Engineering

📅 Jan 2022 – Jun 2022

- Developed a web application using React to digitalize reporting workflows.
- Integrated with a MongoDB database to display relevant operational data in real time.

PROJECTS

MOSFET E-learning Webapp
NTU Final Year Project

- Developed a React-based educational platform to teach MOSFET circuit concepts to EEE students.
- Designed both the front-end interface and supporting electronic circuits.

Cohab
App for roommates

- Led a team of 11 in designing and programming a React Native application.
- Oversaw UI/UX design, feature planning, and frontend development.

Theme Park App Redesign
NTU Interface Design Project

- Redesigned a theme park app using Figma, addressing core UX pain points.
- Implemented a working prototype to demonstrate improved usability and navigation.

SKILLS

English   Chinese

React   Javascript   Node.js   Next.js   MongoDB   Flutter   Dart   SQL   AWS   Azure

Hard-working   Eye for detail   Motivator & Leader

CERTIFICATIONS

Certified Developer - Associate
Amazon Web Services

📅 Dec 2024

Certified Cloud Practitioner
Amazon Web Services

📅 Aug 2024

EDUCATION

Nanyang Technological University
Bachelor of Engineering (Information Engineering and Media)

📅 2019 - 2023

Honours (Merit)

Raffles Junior College
Physics, Chemistry, Math, and Economics

📅 Jan 2014 – Dec 2016

GCSE A Levels
Raffles Diploma (Merit)

EXTRA-CURRICULAR

Badminton Vice-Captain
NTU Saraca Hall