

WONG ZHENG QUAN, ZQ

Software Engineer, Full Stack Web Developer

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Links

wongzq.com
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Software engineer exploring different technologies. Although more proficient with full-stack web development and the JavaScript ecosystem, I am constantly looking to polish as well as expand my current skillset.

TECHNOLOGY

- ReactJS
- NextJS
- Redux
- NodeJS
- ExpressJS
- Docker
- MySQL
- MongoDB
- Firebase
- Flutter
- Git

LANGUAGE

- TypeScript
- JavaScript
- HTML
- CSS
- SCSS
- Python
- Dart
- SQL

EXPERIENCE

Web Developer, Lock&Stock

Oct 2020 ~ Current

Internal Web Portal – *ReactJS, ExpressJS*

Developed an internal data management platform, which also acts as a web portal for the company's admissions counsellors.

- Built the web app as a Single Page Application using ReactJS
- Implemented the backend using ExpressJS

Database API – *ExpressJS, MySQL, MongoDB*

Developed a REST API that serves data from the database.

Scholarships Website – *NextJS, Algolia*

securemyscholarship.com

Developed the website for the company's scholarships platform.

- Built a fully responsive website using NextJS
- Integrated the website with Algolia Search

Prep Website – *NextJS, ExpressJS*

prepnnow.app

Developed a business website for a mobile app.

- Built a fully responsive website using NextJS
- Implemented an ExpressJS backend to use AWS SES

Automated Scripts – *Python*

- Wrote several python scripts to run automated tasks related to MySQL, Algolia, AWS EC2 Deployment, AWS S3, AWS SES and SMTP.

PROJECTS

Skeduler, Timetable Mobile App – *Flutter, Firebase*

skeduler.wongzq.com

Developed a timetable-scheduling mobile app prototype, that cross-checks availability of part-time employees. Focused on UI using Flutter, state management using Provider, CRUD and Cloud functions using Firebase.

Instagram Clone – *ReactJS, ExpressJS, MongoDB*

instagram.wongzq.com

Developed an Instagram website clone using the MERN stack, that allows users to post images, like, comment and follow other users.

EDUCATION

Bachelor of Computer Science (2020)

Major in Software Engineering & Multimedia and Game Development

INTI International College Subang, Malaysia (IICS)

in collaboration with University of Wollongong, Australia (UOW)

- UOW Dean's Merit Award 2017, INTI Academic Award 2017, 2018, 2019
- Weighted Average Mark of 82.88