

Zaffere Shaffari

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Software Engineering Projects

Zoom Clone | Peer-to-Peer video chat

<https://secret-oasis-97695.herokuapp.com/>
<https://github.com/ZAF07/video-chat-app/tree/master>

- 1-to-1 / Group video call
- Live in-room text chat
- Real time email notification to receive or send call schedules

Technologies used: *ReactJS, ExpressJs, Postgres/Sequelize, MongoDB, PeerJS, Web API*

Adhoc Job Platform | Platform for users to post or receive adhoc jobs

<https://arcane-fortress-47417.herokuapp.com/>
<https://github.com/ZAF07/RA-Project-2>

- Users can post jobs needed to complete
- Email notification to receive or send job notifications
- User profile for both employers and employees
- Employers can browse and select interested candidates for current job
- Employees and employers can see how much they've spent or earned for each job

Technologies used: *ExpressJs, Postgres/Sequelize, EJS, Nodemailer.JS*

Covid-19 Statistics | Live statistics on world Covid-19 updates

<https://covidchecker.herokuapp.com/>
<https://github.com/ZAF07/Covid-19-App>

- Pulled data from 3rd party API
- View statistical reports on current Covid-19 situation

Technologies used: *ExpressJs, EJS, Bootstrap*

Work Experience

Teaching Assistant | Rocket Academy | Present

- Taught 5 Coding Basics course (an introductory course to software engineering) for Rocket Academy 2x a week
- Reviewed over 70 pull requests done by students and gave feedback to make sure they understand their code
- Mentored students on writing clean code and the process of starting relatively complex projects
- Taught students how to debug their code

Project Manager | Smitiv Mobile Technologies | Nov 2020 - Dec 2020

- Managed a \$35k project with 4 engineers and managed to meet our client's expectations
- Customised client's mailchimp marketing templates by re-writing it and making it mobile responsive

Personal Trainer | Virgin Active Singapore | June 2019 - Dec 2019

- Took initiative to craft my own routine for our Core Strength Training class which became quite popular among our members

Rock Climbing Guide | QX Adventures Taiwan | April 2018 - June 2018

- Absolute concern was to ensure client's safety while still enabling them to have a great time rock climbing
- I had to assess my client's skill level in climbing to determine which route/area I should guide them for the climb
- Good exposure to time management skills (because we guided our clients at the seaside cliffs, we had to adhere to strict timings or risk getting stranded in the tide)

Education

Software Engineering | Rocket Academy | April 2021 - September 2021

- Learnt Data Structures and algorithms and developed a sense to solve more complex problems
- Constantly given exercises to write front-end and back-end code
- Gained insights into what is expected from an engineer on the job through Rocket Academy's weekly Q&As from software engineers in the industry

Miscellaneous

- Fullstack Developer course online on Udemy
- Python Basics course online on Udemy
- Microservices with NodeJs and ReactJs Udemy (ongoing)
- AWS Certified Solutions Architect Udemy (ongoing)

Technical Skills

NodeJS, Python, PHP, ExpressJs, Flask, Django, Laravel, ReactJS, PostgreSQL, MongoDB, MySQL, Webpack, Redux, Bootstrap, MaterialUI, AWS EC2, AWS RDS, AWS S3, Heroku,