Javier Phon Zhee Kai

Email: javierphon@gmail.com | javier.pzk@u.nus.edu | Contact: +65 9728 4148

EDUCATION

National University of Singapore (NUS)	Aug 2020 – Present

- Bachelor of computing (Honours) in Computer Science
- NUS Merit Scholarship

Hwa Chong Institution	2016 – 2017

- Achieved 88.75RP for GCE 'A' Levels
- Distinctions in H2 Mathematics, Economics, Physics and Chemistry

Chung Cheng High School	2012 – 2015

- Achieved a L1R5 of 7 points for GCE 'O' Levels
- Distinctions in 8 out of 9 examinable subjects

PROJECTS AND COURSES

Productivity Police – iOS and Android mobile application	May – Aug 2021

- Developed a mobile application which is compatible on both iOS and android that provides some useful productivity features that most students might need
- Developed the frontend and the backend of the app using React Native with Expo and Firebase respectively
- Completed the project with an extensive set of core features while adhering to good software engineering principles.

Hackwagon Academy Data Science Courses (DS)	Mar – Aug 2020

- Achieved Distinction Grade in DS101: Introduction to Python Programming
- Achieved Distinction Grade in DS102: Data Analytics with Python Programming

WORK EXPERIENCE

Incoming Software Engineer Intern (Trading) at Coinhako	May 2023

Teaching Assistant (Software Engineering) at NUS	Jan 2022 – Present

- Teaching Assistant for a software engineering course, CS2103/T, at NUS during the following academic periods:
    - AY22/23 Sem 2 (Jan 2023 – Present)
    - AY21/22 Sem 2 (Jan 2022 – May 2022)
- Tutored students on software engineering principles, concepts, and practices.
- Graded student's practical exams.
- Provided feedback and clarified any doubts students may have with topics taught in the course.

Software Engineer Intern at Success IT Consultancy & Services	May – Aug 2022

- Built, deployed and maintained both the frontend and backend of the company's new SAAS product.
- Spearheaded the backend development and overall design for the master control app of the company's new SAAS product.
- Developed the company's backend services with Azure, which includes writing and deploying Azure functions, using Azure Databases and SQL to interact with databases and using Azure DevOps to write pipelines to deploy static web apps and functions.

- Redesigned, refactored and developed the company's Authentication API and other backend services, to make them more secure, versatile and flexible in supporting more of the company's products.

Software Engineer Intern at Powerhouse AI — Dec 2021– May 2022

- Designed, developed, and maintained several new features as well as the UI of the application.
- Integrated the application's frontend and backend together with RESTful APIs.
- Set up Firebase (Google) analytics and crash analytics for the application.
- Utilised Google BigQuery and Google Cloud Platform (GCP) to generate and automate business intelligence reports for the company and clients.
- Ensured that the application is of the best possible performance, quality, and responsiveness.
- Identified bottlenecks and fixed bugs in the application.
- Maintained code quality, organisation, and automatization of the application.

Procurement Assistant at PSA Marine Pte Ltd — Feb – Jul 2020

- Facilitated the corporate services department in converting their purchase requisitions to purchase orders.
- Issued requests for quotations and tender invitations to suppliers based on the end user's needs and requirements.
- Sourced for many suppliers while liaising with end-users to ensure purchases were the most cost-efficient while meeting their requirements.

Artillery Operations Specialist — 2018 – 2020

- Appointed as a Platoon Sergeant, Operations Specialist as well as the Armskote IC for 9th HIMARS Battery in the 23rd Battalion Singapore Artillery.
- Best Soldier of the Month in January 2020.
- Participated in the overseas live firing exercise in Fort Sill Oklahoma, with the American soldiers as part of the Field Artillery Training and Evaluation Programme.
- Involved in many large scale national events such as NDP and SAF day parade.

SKILLS AND PROFICIENCIES

Languages:
- Proficient: Java, Python, C# (~10k lines of code written for each)
- Intermediate: JavaScript, Typescript, HTML, CSS, PostgreSQL, MySQL (~5k lines of code written for each)

Frameworks:
- Proficient: Angular, Expo, React
- Intermediate: Express

Cloud Technologies:
- Microsoft Azure – Azure Functions, Pipelines, Databases, SQL, Storage
- Google Cloud Platform – Big Query, Firebase, Google Analytics

LINKS AND ADDITIONAL INFO

LinkedIn: Connect with me on LinkedIn!

GitHub: To see all projects developed by me!