

Ong Hin Journ

DevOps Engineer

Contact

Phone Number: (+65) 9455 4371

Email: onghinjourn@gmail.com

Website: <https://notlega.github.io>

[LinkedIn](#)

[GitHub](#)

Profile

Hello, I'm Ong Hin Journ, an aspiring DevOps / Software Engineer based in Singapore. I'm experienced in Frontend, Backend, and DevOps. I'm currently studying under Singapore Polytechnic's Diploma in Information Technology under the Project INC pathway.

Under the Project INC pathway, I've become a team-oriented person, able to work with others to achieve a common goal. I've also become a more responsible person, able to take ownership of my work and be accountable for my actions.

I'm currently looking for a DevOps / Software Engineer internship to further my skills and knowledge in the industry.

Skills

- PostgreSQL/MySQL	- NoSQL
- AWS	- Docker
- Google Cloud	- Bash/Powershell
- Linux	- Git
- GitHub	- React/NextJS
- Astro	- TypeScript/JavaScript
- NodeJS	- Java
- Maven/Gradle	

Education

January 2017 – December 2020

Ang Mo Kio Secondary School, Singapore - 'O' Levels

Member of the Symphonic Band and Section Leader of the Clarinet Section.

Participated in multiple programming events and competitions.

- Codefest 2019
- Tank Tinkerer 2018

April 2021 – Present

Singapore Polytechnic, Singapore - Diploma in Information Technology

Currently in [Project INC](#).

Experience

April 2022 – August 2022

Food Innovation and Resource Centre (FIRC), Singapore - Software Engineer

- Used the MVC design pattern to design and code, which improves re-usability and maintainability.
- Wrote logging for debugging and testing purposes for the entire project to improve productivity.
- Wrote unit test cases to maintain the application and prevent bugs, reducing costs.
- Used React, a popular Front-End framework, together with charting and styling libraries using best practices to improve reusability and maintainability.
- Wrote end-to-end test cases to maintain application and eliminate bugs.
- Participated in the setting up, maintaining and deployment of the PostgreSQL relational database for development and production.

September 2022 – Current

Singapore Iron Works Merchant Association (SIWMA), Singapore - DevOps Engineer

- Used NextJS, a popular Front-End framework, together with popular styling libraries using best practices to improve responsiveness and maintainability.
- Wrote end-to-end test cases to maintain the application and reduce bugs.
- In V1 of the WebApp, I contributed to the design of the database.
- In V2 of the WebApp, I participated in the migration and setup of the database from Supabase to CockroachDB and Prisma as our ORM.
- Wrote testing and deployment pipelines using GitHub Actions.
- This improved productivity by 100% as manual testing and deployment was not needed anymore.

- Set-up AWS ECR, ECS, and S3 for preview, staging and production.
- Wrote documentation for teams to help them set up a local testing environment using Docker and Bash/Powershell.
- This reduced the team's time wasted searching for methods to set up their local testing environment.