

PERSONAL

Address

C816 Armanee Condo, 10 Jalan
PJU 10/1C Damansara Damai,
47830 Petaling Jaya, Selangor

Email

nicholasoyk@gmail.com

Date of birth

30th December 1999

Phone Number

+60132212291

SKILLS SUMMARY

- Node JS
- Kubernetes
- MongoDB
- React
- Angular Ionic
- JavaScript
- Python

LANGUAGES

- English
- Bahasa Malaysia
- Chinese

EDUCATION

University Technology Petronas

Bachelor's in Information Technology
May 2018 - Aug 2021

University Technology Petronas

Foundation in Information Technology
Mar 2017 - Mar 2018

OOI YU KHAI

SOFTWARE ENGINEER FULLSTACK DEVELOPMENT

PERSONAL PROFILE

I am a software developer with knowledgeable skills in modern day technologies with experience using Frontend and Backend Technology stacks.

WORK EXPERIENCE

Full Time Associate Software Developer Engineer

Setel Ventures Sdn Bhd | Nov 2021 - Present

- Collaborated with multiple teams on creating services leveraging upon micro-service architecture for better management of large codebase using Nest JS.
- Creating Content Management Systems (CMS) using React and integrating with developed backend services (NestJs)

Part-Time Full Stack Developer

Lava X Technologies Sdn Bhd | Aug 2020 - Oct 2020

- Collaborated with a team of developers to create new features for a software product.
- Creating backend GraphQL API endpoints using Nest JS to integrate into frontend features.

Full Stack Developer Intern

Lava X Technologies Sdn Bhd | Jan 2020 - Aug 2020

- Learning the Technology stack and integrating it into projects. (Nest JS, React JS)

PROJECTS

Setel E-Roaming (May 2023)

Production ready Backend E-Roaming service for EV charging services allowing users to charge at any charging point leveraging OCPI through Setel.

- Powered by Nest JS following the OCPI industry standard for EV Charging throughout the world. API-OCPI leverages the use of MongoDB as its database and is deployed on AWS using tools such as Kubernetes and ArgoCD.

Setel EV Charging (Jul 2022)

Production ready Backend EV Charging service allowing users to charge with multiple vendors (JomCharge, ChargeNGo) through the Setel app.

- Powered by Nest JS and leverages the use of MongoDB as its database and is deployed on AWS using tools such as Kubernetes and ArgoCD.

Setel Terminal (Nov 2021)

In house payment Terminal with pay wave capabilities built to replace vendors Invenco Terminals.

- Powered by Nest JS following industry standard api-terminals design and leverages the use of MongoDB as its database and is deployed on AWS using tools such as Kubernetes and ArgoCD.

Origin Graph (Jan 2021)

A Dashboard that can be further developed into a Content Management System (CMS) for usage in small businesses.

- Made using Next JS as the frontend framework with its backend powered by Nest JS. The data is all stored in a Postgresql database.

Engineer ML - Final Year Project (May 2021)

An application that is able to predict and classify piping and instrumentation diagram symbols using machine learning.

- Made using Ionic Angular as the frontend framework with its backend powered by Node JS coupled with Express as well as Tensorflow for machine learning and is then deployed to Heroku. The data is then all stored in MongoDB as well as AWS S3.

Covid.io (May 2021)

A Dashboard that shows visualized data of the USA with regards to the Covid-19 pandemic.

- Made using basic HTML, CSS and JavaScript with the help of a graphing package called Flot. The data is taken from a public API provided by disease.sh.