Nicholas Chan Wei Jie

Kuala Lumpur
nicholaschan890@gmail.com
+60 11-10790839

Education

Bachelor of Software Engineering CGPA: 3.25   **2021 - 2024**
Tunku Abdul Rahman University of Management and Technology – Kuala Lumpur.

Skills

Programming : Python, Bash, Java, Dart, JavaScript, MySQL.

Technologies : AWS, Terraform, Git, Docker, Linux, New Relic, HTML, CSS.

Experience

Cloud Infrastructure Engineer Intern
Razer Merchant Services (Fiuu) – Shah Alam.   **June 2024 – Nov 2024**

- Implemented and configured server resources and APM dashboards on New Relic using Terraform (**Terraform**, **New Relic**).
- Implemented telegram alerts for servers using New Relic endpoint. (**API Gateway**, **Lambda**)
- Implemented python scripts to automate Git issues creations for AWS log reviews, unused AWS resources and ACM certification renewal. (**Lambda**, **CloudWatch, CloudTrail, Python**).
- Migrated Dockerfiles from Centos7 to Ubuntu for database containers. (**Docker**, **Bash**, **CouchDB**).
- Migrated load balancer for Git server to restrict control to Git and for easier traffic management (**Load Balancer, EC2).**
- Proposed and configured an open-source monitoring tool to track uptime of all servers. (**Uptime Kuma**)

Web Developer (Freelance)
Florism De Art – Kuala Lumpur.   **Sept 2022 – Dec 2022**

- Implemented/debugged numerous **front-end** features and components for client's Shopify e-commerce store **(HTML, CSS, Liquid, JQuery)**.
- Worked closely with client to gather requirements and feedbacks.
- Help in managing e-commerce business operation such as customer's order details, updating product page and etc.

Projects

AWS Cloud Web Application

- Created a highly scalable web application using AWS services such as **EC2**, **VPC**, **RDS** and **Cloud9**.
- Utilized **Elastic Load Balancing** to ensure even distribution of workload across multiple server and **Auto Scaling** to scale-in and scale-out instances as needed to reduce operation cost.
- Helped in planning and designing of **AWS Architecture**.
- Estimated AWS services and products cost using **AWS Pricing Calculator**.

Durian Track & Trace Blockchain DApp

- Implemented **CRUD** functions for user to register, view and update their durian details in Remix. (**Solidity**).
- Designed, created and integrated the front end with back end (**JavaScript, ExpressJS, HTML/CSS, Ganache**).
- Linked Metamask and **smart contract** to allow transaction to execute **CRUD** functions.

LYF Mobile Application

- Designed and created lifestyle mobile application for users to improve their lifestyle. (**Flutter**, **Dart**)
- Integrated modules such as Habit Recommender, OCR for Medication and Chatbot. (**Django**)