

Hazim Sulaiman

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EDUCATION

NATIONAL UNIVERSITY OF SINGAPORE (NUS)

BACHELOR OF ENGINEERING (MECHANICAL ENGINEERING)

Aug 2016 - May 2020 | Singapore

Technical Electives: Programming Methodology (C), Data Structures and Algorithms (C++)

LINKS

Github:// [hajimss](#)

LinkedIn:// [Hazim Sulaiman](#)

SKILLS

DATA

Pandas • Apache Kafka • SQL-Alchemy

DATABASES

MySQL • PostgreSQL • MongoDB

OracleDB

LANGUAGES

Python • Javascript • Typescript

Java • C++

WEB DEVELOPMENT

React • HTML • CSS • Flask • Django

Express • Node.js

MISCELLANEOUS

Git • Figma • \LaTeX

PERSONAL PROJECTS

FANTASY PREMIER LEAGUE VISUALISATION

[HTTPS://FPL-VIZ.WEB.APP/](https://fpl-viz.web.app/)

- Application for Fantasy Premier League players to chart their progress throughout the season
- Real time data will also be shown to aide the players in their decision making
- Stack: React, Flask and Express
- Hosted on Firebase

WACKO-RECO

[HTTP://WACKO-RECO.HAZIM.NET/](http://wacko-reco.hazim.net/)

- A Spotify track recommendation web app that suggests users songs based on chosen seed tracks or artists
- Stack: React
- Hosted on AWS (S3 and Route 53)

PROFILE

Programming enthusiast who enjoys building web applications on the side, while working as a Software Engineer. Dedicated to learning more computer science concepts, especially in the distributed systems space.

WORK EXPERIENCE

UBS SOFTWARE ENGINEER (NETWORK AUTOMATION)

Oct 2020 – June 2023

- Developed a web application for Data Center personnel to maintain their inventory. In production
- Implemented Django with Django REST Framework to replace legacy Web2Py RESTful API service
- Introduced React for frontend and converted Jinja2 templates into React components (notable dependencies: Material-UI, VisX)
- Set up Redux with Redux Toolkit to simplify state management and data fetches with hooks
- Upkeep data integrity of Network Inventory tables by writing Extract, Transform and Load (ETL) scripts and running cron jobs which updates our Data Warehouse
- Optimised queries of source databases by planning and redesigning data processing cycles and data workflows
- Implemented the consumption of data through Confluent Kafka and Kafka Connect for SNMP data
- Collated Aruba Wireless information by running Aruba Network CLI commands remotely
- Set up python documentation for internal data management package (Sphinx)

RELEVANT EXPERIENCE

FINTECHSG PROGRAMME

Aug 2020 – Oct 2020 | National University of Singapore

- Professional Certificate in FinTech Senior Developer (Level 3)
- Frontend and Backend Web development (Javascript, React, Database: MySQL, MongoDB)
- Docker and Kubernetes for containerisation
- Data Analytics and AlgoTrading on QuantConnect
- UI design using Figma
- Utilised Solidity to create Smart Contracts

IOT / ROBOTICS ENGINEER

Jan 2019 – May 2019 | National University of Singapore

- Led a team of six to design an autonomous grass cutting robot that is functional which alleviates the burden of labourers and reduce labour cost
- Supervised shell modelling and manufacturing, using Solidworks and machineries; implemented structural analysis with Ansys

CERTIFICATIONS

- AWS CERTIFIED CLOUD PRACTITIONER
- AWS CERTIFIED DEVELOPER - ASSOCIATE