

IZQALAN NOR'IZAD

Kajang, Selangor | +60 17 3680 651 | izqalan@gmail.com | linkedin.com/in/izqalan | github.com/izqalan

WORK EXPERIENCE

Software Engineering Intern

Sept 2023 – Current

PayNet

Bangsar South, Kuala Lumpur

- Payments Network Malaysia Sdn Bhd (PayNet) is the national payments network and shared central infrastructure for Malaysia's financial markets.
- Developed, maintained, and optimized Malaysia core financial platform, ensuring efficient transaction processing and adherence to security standards.

Software Engineering Consultant

May 2021 – Oct 2023

Universiti Tenaga Nasional R&D

Kajang, Selangor

- Developed a power grid monitoring platform for TNB (Tenaga Nasional Berhad) utilizing React.js and Firebase, providing an intuitive and responsive user interface, real-time data visualization.
- Implemented and managed a robust CI/CD pipeline, streamlining development and deployment processes.
- Ensured reliable delivery of software previews and updates through the CI/CD pipeline.
- Integrated repositories with CI/CD systems for automated testing, build, and deployment to multiple environments.
- Platform is built using ReactJS framework and Redux-saga state manager.

Software Engineer

Jan 2020 – Sept 2020

Emunio Innovation (Chime Visitors)

Kuala Lumpur, Malaysia

- Took on the role of developing the front-end and back-end of a visitor management system utilizing ReactJS, Flutter, and NodeJS Express.
- Employed Flutter for cross-platform mobile application development, enhancing the system's accessibility and usability.
- Utilized NodeJS Express for the back-end development, enabling efficient server-side logic and data management.
- Implemented a robust front-end integration test suite, contributing to increased development productivity and confidence in deployment.

EDUCATION

Universiti Kebangsaan Malaysia

Oct. 2021 – Present

Bachelors (Honours) of Computer Science

Bangi, Selangor

Universiti Tenaga Nasional

Oct 2016 – Feb 2019

Diploma in Computer Science

Kajang, Selangor

PROJECTS

Final Year Project

Oct 2022 – Present

Universiti Kebangsaan Malaysia

Hyperledger Fabric, Go, NextJS

- An e-voting platform built on the Distributed Ledger Technology (DLT) Hyperledger Fabric is a secure, transparent, and decentralized system that allows individuals to vote electronically in an election.
- The goal of this system is to prevent election fraud by making voting transaction traceable and by transaction validation by multiple network members.
- This project uses Hyperledger Fabric Blockchain network, NextJS Typescript, Gin-gonic framework as REST API framework and Go language for writing chaincodesmart contract.

Media Downloader Client

2020

Personal

C# .NET

- Built a media downloader for a cloud storage provider by scraping items in an album
- My most successful open source software with over 70,000 downloads
- Only did it for clout

Diploma Project

Nov 2018 – Feb 2019

Universiti Tenaga Nasional

Android Java

- Developed a unique co-sharing kitchen platform that connects individuals based on their culinary interests, allowing them to share kitchens and collaborate on cooking projects, envisioning it as a "Tinder for foodies."
- Developed a consumer facing mobile application using Android Java.

SKILLS

- JavaScript
- TypeScript
- Go
- Golang
- Hyperledger Fabric
- ReactJS
- NodeJS
- Firebase
- AWS EC2
- Firebase
- Redux
- Java
- C#
- CI/CD