Kamal Arieff Ahmad Faizel

Full Stack Software Engineer

✉ kamal.arieff@gmail.com
📍 Selangor 47600, Malaysia

OBJECTIVE

Looking for a role that challenges my technical expertise as well as develop my leadership skills. I would like to learn how to be a leader where I can create a productive and nurturing culture. Learning a new language/framework is not an issue for me. In fact, I welcome it.

WORK EXPERIENCE

InstaHome

Senior Software Engineer   Feb 2022 - Present

- Improved performance of file uploads and downloads by leveraging Node.js Streams
- In charge of handling the handover for the entire front end project

Mudah.my

Senior Software Engineer   Feb 2019 - Feb 2022

- Ported the SEO converter API from Node.js to Golang for better performance and better use of resources. At the same time, new URL patterns are also introduced which increased complexity. Moved from imperative style of coding to declaration to handle the complexity. Additionally, created a sitemap service to generate all possible URLs in Golang that reads from a config API. Used Kubernetes Jobs that runs daily to generate these sitemaps and upload them to Google Cloud Storage.
- Sole creator and developer of an API built on Node.js used for converting SEO friendly urls to search engine params. It uses redis as a caching backend mechanism. Tests are written with Mocha, Sinon and Chai. API documentation is written with Swagger
- Lead developer in migrating legacy code to modern tooling and frameworks consisting of NextJS, React, TypeScript, Redux, ReduxSaga and MaterialUI. This involves creating and maintaining the new mobile and desktop web. Integration tests are written using Jest and testing-library. E2E tests are written with Cypress. Visual regression tests are handled by Percy.
- Maintaining a UI component library built with Tailwind, MaterialUI, TypeScript and Rollup with support for Storybook
- Ensure developer experience is smooth by incorporating Docker and Gitlab CICD into the workflow. This includes automating development setup, tests, releases and post releases. Automatic CHANGELOGs are generated via conventional commit messages.

Software Engineer   Feb 2018 - Jan 2019

- Responsible for user authentication and authorization written in PHP Phalcon i.e. server load, user issues, documentation for API, regression tests.
- Responsible for the chat application which involves using Node.js, NoSQL DB and sockets for the backend and real time notifications and React for the front end.

Associate Software Engineer   Aug 2016 - Jan 2018

- Debug and maintain an inhouse framework called Blocket.
- Provide support for the Android team by working closely with them on the User Accounts API.

EDUCATION

University of Adelaide   2012 - 2016

Bachelor of Engineering(BEng), Computer Software Engineering

- Learnt various aspects of the software world. This includes computer architecture, networks, event driven computing, web and database systems, algorithms and data structures and object oriented programming. Had two projects, one for the University of Adelaide and another for a real estate company called RayWhite.

TECHNICAL SKILLS

Golang · Node.js · HTML · CSS · JavaScript · React · Next.js · Tailwind · Docker