Khai Vern Kok
Web Developer

BSc Computer Science student at Loughborough University, with a passion for full-stack web development. Looking for a role where I can improve my current skillset and learn from senior team members while sharing innovative ideas in this industry.

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📍 Melaka, Malaysia

📅 09 August, 1999

🖥 khaivern-portfolio.netlify.app/

⦿ github.com/khaivern

SKILLS

JavaScript   TypeScript

React   NextJS

Vue   Angular

Material UI

Tailwind/Bootstrap

NestJS

LANGUAGES

English
Native or Bilingual Proficiency

Malay
Native or Bilingual Proficiency

INTERESTS

Web Development

Responsive Design

CSS Animations

Unit/e2e testing

CI/CD

Backend Development

EDUCATION

Computer Science & Artificial Intelligence
Loughborough University, United Kingdom
10/2018 - 07/2021   *First Class Honours*

Assignments

- Demonstrate AI concepts by developing an intelligent AI opponent *(Unity & Blender)*
- Create a machine-learning model that label images correctly *(TensorFlow & Python)*
- Develop a helpdesk system in a team of 5 under an agile environment *(WordPress & Laravel)*
- Implementing common HCI patterns in a mobile app *(Android Studio & Java)*

WORK EXPERIENCE

Frontend Web Developer
Agmo Studio Sdn Bhd
05/2022 - Present   *Petaling Jaya, Selangor*
Digitalising customer's business operations throught the development of mobile and web applications

Achievements/Tasks

- Introduce Tailwind CSS to fellow team members by conducting demo (learn & play) sessions.
- Perform POC on various topics and shared the pros and cons (date-fns vs moment, angular vs react, tailwind vs bootstrap, ngrx vs services)
- Setup eslint, prettier, commitlint and husky on in-house base template, helped improve the existing coding standard.
- Researched on unit testing and implemented in an existing Angular project. (30% code coverage)
- Built highly reusable modules that can be used on various projects. (image uploader & cropper, phone input, date range pickers, searchable dropdowns)

Open Source Contributor
Zero-To-Mastery
09/2020 - 05/2022
Global open source playground for the coding community

Achievements/Tasks

- Collaborating with community developers and managers from around the world on GitHub, StackOverflow and Discord
- Took part in the Animation-Nation Hacktoberfest, where the challenge was to use only HTML and CSS
- Contributed to the public Job Board project, a place for developers to show recruiters they are available for hire using SCSS, HTML & JavaScript

PERSONAL PROJECTS

1. Created a file-system blog website
   - Summary : A website showing some of my blog posts written in markdown syntax and parsed to regular html using react-markdown package, developed using Next.js
   - Technologies / Languages: Next.js, TypeScript, Context API, MongoDB, Markdown Syntax, Vercel

2 Interactive browser-based coding environment
   - Summary : Like a Jupyter Notebook, but for JavaScript. This project allows users to bundle and transpile code directly in the browser using esbuild
   - Technologies / Languages: React, Redux, TypeScript

3. Netflix video streaming website
   - Summary: Slim-down version of Netflix where users could watch and react to videos. Authentication is handled with Magic, a password-less option and user statistics are stored with Hasura, Videos are grouped to categories and are populated using Youtube's Data API
   - Technologies / Languages: Next.js, Hasura, Magic, GraphQL, TypeScript, Vercel