Wai Lok Cheng
Software Engineer

✉ wailokcheng020@gmail.com 📞 +44 7511 816528

EXPERIENCES

Dorling Kindersley Limited - Software Engineer
Nov 2022 - Present

Responsible for maintaining, refactoring, and creating various in-house websites and mobile applications by utilizing the **JIRA** ticket system.

- **Mobile App** - Regularly update UI and API versions, as well as handle unexpected errors on specific devices. The tech stack requires knowledge of **Android Studio, Xcode, and Capacitor**.
- **DK Learning** - Showcase the free content and book details with the youth target audience. Website build using **Next.js, tailwind CSS, React, Typescript, Google Tag Manager, Hygraph, GraphQL, Figma, and OneTrust**. The code base is created on an **atomic design** pattern, stored in **Github**, and utilized **AWS** to host the website with the responding domain.
- **DK.com** - Same requirements as DK Learning with All ages target audience. The website uses **angular, and Nginx**.
- **English For Everyone Junior** - Platform for minors to learn English. The project exists in mobile apps and websites **using Capacitor** to control the build with the same set of code bases. Also **uses Storybook** to render specific buttons dynamically.
- **Phonics Books** - Create an E-commerce website for selling DK books, and display select free content. **Utilize React, Hydrogen, Figma, Oxygen, and Shopify** to host and manage the website.

Zetakey Solutions Limited - Web Application Developer
Aug 2018- Mar 2022

Create personalized B2B SaaS experiences according to customers' needs by making use of React, JavaScript, SCSS, and HTML. Clients span across the medical, elevators, and optical fiber industries.

- **Medical project - Led a team of 3** for over 1 year. The objective is to provide hospital staff with accurate information and assistance on the operational procedures. The project **used Socket IO** to receive live data from medical devices stored in the database and **used REST API and query** to fetch information. Finally **utilize React, SCSS, and Javascript** to embed the web app for control and display purposes on a touchpad device.
- **Elevator project -** The objective is to allow users to register, configure, and call elevators on personal mobile devices for the authorized building with an encryption mechanism. The project **uses different innovative technologies** such as facial recognition, QR reading, palm vein scanning, Kiosks, etc.
- **Optical fiber project -** The objective is to create a monitoring system for their optical fiber throughout the city. The web app uses the coordinates of the optical fibers from the database and traces them onto a web app **using Leaflet** to display the status information accordingly.

SUMMARY

Innovative tech professional with over 4 years of experience working as a developer. Offers a strong background in creative problem-solving and a proven ability to multitask. Capable of prioritizing in fast-paced, self-driven, and collaborative environments.

DETAILS

🌐 https://lok020.github.io/portfolio/

🐙 https://github.com/lok020

📍 London,United Kingdom

Visa Status - UK Right to work

Nationality - British National (Overseas)

EDUCATION

Bachelor of Science in Computer Science
Washington State University, US
Aug 2013 - Dec 2017

TECHNICAL SKILLS

- Data Structures
- React.js
- Next.js
- JavaScript
- TypeScript
- CSS
- Tailwind CSS
- GraphQL
- GIT

SOFT SKILLS

- Problem-solving
- Software performance optimization
- Result oriented
- Critical thinking
- Communication
- Adaptability
- Collaboration
- Inductive reasoning
- Agile

LANGUAGES

- English (Fluent)
- Cantonese (Native)
- Mandarin (Fluent)