

Wai Lok Cheng

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PROFESSIONAL EXPERIENCE

Dorling Kindersley Limited Software Engineer

London, UK
Nov 2022 - Dec 2023

Collaborated with a team of 10 to build websites and mobile applications, resulting in enhanced product quality, optimised legacy codebase, reduced server and client errors, and improved development efficiency.

- Upgraded the company's legacy codebase, **reducing system errors by 10%**
- Elevated code quality for various projects through atomic design patterns, CI/CD, and code review resulting in a **faster development cycle and minimised bug occurrence**
- Assisted in maintaining existing mobile apps with Android Studio, Xcode, and Capacitor by updating UI/UX and API versions, **lessened crashing rate by more than 60%**
- **Boosted websites' loading time by 20%** by polishing the codebase and reducing the network package for the initial webpage render
- Established an E-commerce platform with payable and free content for different countries, which **deepened brand recognition and generated company income by 10%**

Zetakey Solutions Limited Web Application Developer

Hong Kong
Aug 2018 - Mar 2022

Developed embedded web applications in a small team of 10 with agile methodologies. Worked closely with clients to assemble requirements and feedback, constructed a scalable data model, and pioneered new features with best practices across medical and optical fibre projects.

- **Directed a team of 3 junior developers on a medical project** designed to provide hospital staff with informational management, and assistance on the operational procedures, which improved workflow efficiency by 30% and decreased the majority of manual labour
- **Architected and led the development of the full application data model**, ensuring system scalability and efficiency
- Implemented in modern React stack, regularly performed code review, and applied testing protocols utilising CI/CD practices, **assured robust codebase following best practices and scalable infrastructure**
- **Educated and mentored a team of junior developers** on best practices in React.js, contributing to a 40% increase in team productivity
- Contributed to the optical fibre project by translating customers' ideas into web application solutions, **slashed more than 70% of the end users' manual work and increased productivity by 40%**

EDUCATION

Washington State University
Bachelor of Science degree in Computer Science

Pullman, USA
Aug 2013 - Dec 2017

SKILLS

Languages: JavaScript, TypeScript, HTML/CSS

Tools: Git, JIRA, Figma, Android Studio, Xcode, Shopify, Google Tag Manager

Technologies: React.js, RESTful APIs, Next.js, GraphQL, Tailwind CSS, Jest, AWS, Storybook, Leaflet, Socket IO