

Kay Yan Cheung

SOFTWARE DEVELOPER

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PROFESSIONAL EXPERIENCE

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| Software Developer, Full-time | Accenture | Apr 2020 - Apr 2021 |
| <ul style="list-style-type: none">Delivered a high-quality, robust and scalable solution for a cross-platform mobile app using React, React Native and FirebaseCollaborated closely with cross-functional teams to fulfill business requirementsImplemented highly reusable components with detailed documentation, optimizing the development process and contributing to a 50% reduction in development timeDemonstrated leadership as a mentor to less experienced developers, offering guidance on best coding practices and code reviews | | |
| Software Developer, Full-time | Antelope Intl. Ltd. | Aug 2019 - Mar 2020 |
| <ul style="list-style-type: none">Engineered and improved features of several applications on mobiles and tablets using Java and Android StudioResolved 90% of known bugs in a system, significantly boosting the reliability and improving overall user experienceOptimized offline functionalities of the mobile app using SQLite for local storage | | |
| Frontend Developer, Full-time | Skytree Digital Ltd. | Dec 2018 - June 2019 |
| <ul style="list-style-type: none">Developed, maintained and shipped production code for an award-winning mobile game on both iOS and Android platforms using C# and Unity3DImplemented an efficient file unzipping system that resulted in a 40% reduction in game assets download time, significantly enhancing the game accessibility and user satisfaction | | |

TECHNICAL SKILLS

- Languages: HTML, CSS, Javascript, Typescript, Java, C#, SQL
- Frameworks and libraries: React, Next.js, Express.js, React Native, Jest, Redux, TailwindCSS, Android
- Database: MongoDB, MySQL, SQLite
- Tools: Git, Microsoft Azure, Jira, Firebase, Figma

PROJECTS

Cargo Data Platform

- Worked within a SCRUM team of 25+ people to deliver solutions for a cargo tracking platform for the Hong Kong International Airport
- Engineered functionalities like QR code scanning and Firebase cloud messaging on the mobile application

Internal Collaboration System

- Built a feature that captures information on a business card and save them in the user's contact list using an OCR library

EDUCATION

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| Centennial College, Toronto ON | Sep 2021 - Dec 2022 |
| Diploma in Software Engineering Technician (GPA: 4.41 / 4.50) | |
| City University of Hong Kong, Hong Kong | Aug 2011 - Feb 2015 |
| BSc(Hons) in Creative Media | |

VOLUNTEER WORK

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| Vibrant Markham Foundation, Markham ON | Oct 2023 - Present |
| <ul style="list-style-type: none">Design and develop websites and mobile applications for STEAM-related/ charity events | |