

■ Profile

- Proficient in backend development using cutting-edge technologies like Rust, along with a robust understanding of Flutter, Swift, and Java for mobile development.
- Extensive experience in designing, developing, testing, and implementing over 20 mobile applications, adhering to ISO 27001 standards to ensure security and compliance.
- Skilled in AWS cloud services, enhancing application scalability and performance through effective cloud solutions.
- Demonstrated expertise in release management, ensuring smooth and timely deployments of applications across both iOS and Android platforms.
- Effective communicator with experience in liaising with C-level executives, providing clear updates and strategic insights to drive business decisions.
- Committed to continuous learning and innovation, actively seeking out new technologies and methodologies to enhance development processes and outcomes.

Education

Bachelor of Science, Computer Science, Curtin University ☑

Perth, Australia

Work Experience

01-2025 - present

CTO

Carbon Technology Limited

- Architected and led the development of xBeefi, a blockchain-based platform leveraging Rust for highperformance smart contracts and Nuxt.js for a seamless, responsive frontend.
- Designed and implemented secure, scalable smart contract infrastructure, ensuring robust performance and compliance with [specific blockchain, e.g., Solana, Ethereum] protocols.
- Spearheaded a cross-functional team of engineers, overseeing end-to-end development from backend blockchain logic to frontend user interfaces.
- Integrated advanced security practices, including smart contract audits and testing, to safeguard platform integrity and user trust.

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- Selected as one of 20 companies (out of 400+) for the prestigious Draper University Program, gaining strategic insights and accelerating xBeefi's innovation.
- Won a competitive hackathon in San Francisco during the Draper University Program, showcasing technical expertise in blockchain development and innovative problem-solving.

06-2024 - 12-2024

Senior Application Developer

Auki Labs - Matterless Studio

- Integrate React Native with Unity:
 - Combine Unity's 3D engine with React Native for immersive spatial computing experiences on mobile.
- Enhance Performance with Rust:
 - Utilize Rust for efficient, high-performance code in native mobile apps across iOS, Android, and WebAssembly.

01-2023 - 06-2024

Lead Software Developer

Fusang

- Leading the development team with a focus on innovation and quality, leveraging expertise in both cross-platform frameworks and native mobile app development to deliver exceptional products.
- Ensured the product reliable, secure, and free from critical bugs by integrating robust testing and quality assurance processes.
- Utilized Go language to enhance development efforts, contributing to both performance and efficiency in building scalable backend services.
- Actively collaborated with key stakeholders to discuss and refine app features and requirements, ensuring alignment with business objectives and user needs.
- Worked closely with marketing, sales, and customer support departments to understand market demands and user expectations, facilitating targeted and usercentric development.
- Implemented continuous integration and continuous deployment (CI/CD) pipelines to streamline updates and accelerate the release process, significantly reducing time-to-market.
- Leveraged AWS cloud services to optimize app performance and scalability, ensuring resilient and efficient operations across all platforms.

04-2022 - 01-2023

Developer

DTTD 🛮

- Support the entire application lifecycle from concept through design, testing, release, and support, ensuring robust and user-focused outcomes.
- Liaise with the Product Development team to plan and implement new features, utilizing Python and Django to enhance backend development and support complex functionalities.
- Serve as the key figure in the ideation and proof of concept (POC) stages for innovative features, driving forward-thinking solutions that set industry trends.

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- Originated the novel idea to utilize deep linking technology to enhance the user experience, particularly for redeeming NFTs, demonstrating a forward-looking approach to application functionality.
- Design and build advanced applications for both the Android and iOS platforms, ensuring high performance and excellent user engagement.
- Set up and manage the entire CI/CD pipeline, optimizing automation tools for mobile app deployment to streamline processes and reduce timeto-market.
- Keep up-to-date with industry trends and developments to continuously integrate cutting-edge technologies and methodologies into development practices.
- Developed NFT Wallet App using Flutter & Python
 - DTTD NFT Social Platform
- Developed NFT redemption website for Hong Kong
 Palace Museum ☑
 - Commemorative NFT (non-fungible token) Gold Medal of the Hong Kong Palace Museum ☑

11-2021 - 04-2022

Senior Mobile Consultant

KEYTEO ☑

- Discussing the client's requirements and the proposed solution with colleagues
- Working closely with colleagues to constantly innovate app functionality and design
- Write technical documentation used by the development team during the programming stages.
- Hong Kong Disneyland Enhance your next visit with an enchanting mobile experience. See approximate wait times for attractions, browse the park map, see schedules and much more!

01-2021 - 11-2021

Technical Lead - App Development

UleEco Limited

- Lead the development of applications tailored for international clients, ensuring that all projects meet global standards and client specifications.
- Write comprehensive technical documentation that guides the development team through the programming stages, enhancing clarity and ensuring alignment with project goals.
- Act as the central figure in discussions with key stakeholders, including clients and internal specialists, to understand requirements and deliver technical solutions backed by thorough analyses.
- Collaborate closely with management, backend teams, product managers, and designers to ensure a holistic approach to mobile app development that aligns with broader business objectives.
- Manage day-to-day activities of the mobile development team, prioritizing a high-quality developer experience and adherence to clean coding practices.

Hong Kong

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- Oversee and coordinate with outsourced teams to ensure seamless integration and consistency across all stages of app development.
- Handle the complete management of the CI/CD pipeline, implementing automation strategies that enhance efficiency and reliability in deployments.
- Utilize AWS cloud services to optimize app performance and scalability, leveraging the cloud's capabilities to support robust mobile application operations.
- Motorola Nursery provides an enhanced experience for managing Motorola baby monitoring devices, from anywhere in the world.
- ChillaxCare ☑ allows you to stay connected with your little one and watch over your home from anywhere.

05-2019 - 01-2021

Mobile App Developer

- Including create, maintain and implement the source code to develop mobile apps and programs that meet the needs and requirements, design prototype applications, provide the unit structure and help the application development team.
- Developed using Swift 5.0
- *MobiJuce* ☑ is a mobile platform provides a complete lifestyle ecosystem besides mobile charging.

07-2020 - 11-2020

Project Associate

The Hong Kong Polytechnic University □

- Design, developed, tested and deployed the mobile application using React Native
- Capstone Ninja ☑ enables users to manage and keep track of their FYP/Capstone project ideas and in-app learning progress, make to-do lists, add reminders, bookmark learning content, receive and access relevant resources, communicate with their project supervisors, and more.

03-2018 - 05-2019

Remote Developer / Developer

- Designed and implemented a Mobile Application for Premium Enterprise Retail Management(ERM)
 Software(ChainStorePlus MPOS) using Swift 4.1 and different framework
- Investigate and troubleshoot issue
- Refactored old code to be more readable and manageable.
- ChainStorePlus ☑, retail management or store management is not limited to the essential POS terminal,but also getting to the front empowered by mobility — mobile POS/ mPOS. The mobile-enabled modules equip salespersons to provide instant services (through ChainStorePlus' retailer app) including stock inquiry and reservation, queue busting, mobile payment, instant membership registration and management, etc.

Hong Kong

Hong Kong

Hong Kong

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University Final Year Project(Guide Dog Tamagochi) Team Leader

Guide Dogs WA

- Guide Dog Tamagochi

 is an iOS mobile application inspired by the Tamagotchi games from 1990s to early 20s
- Feature:
 - Augmented Reality
 - GPS Tracking
 - Simulation of from Puppy to Guide Dog

Projects

Apollo Future Mobility Group □

- Developed a custom Content Management System (CMS) for Apollo Future Mobility Group (apollofmg.com ☑), a luxury car platform, using Nuxt.js and AWS services (e.g., EC2, S3, Lambda).
- Integrated a web scraper to extract real-time data from HKEX, enabling dynamic content updates and enhancing platform functionality.
- Optimized CMS for performance and scalability, ensuring seamless user experiences and efficient data management for luxury car inventory and services.

XSTRO - XGameFi

Project Description:

I provided technical consultancy for a GameFi project that integrates NFT staking with gameplay. The project was launched in January 2024 and quickly reached a total NFT staked value of \$50 million.

Role and Responsibilities:

I guided the technical development using **VueJS** and **Flutter** for the web frontend, and **Rust** for the backend.

I collaborated with Unity developers from abroad, enhancing the game's international appeal and functionality.

I managed the hiring process for the project, including tech recruitment and team composition, working closely with designers and project stakeholders.

Key Achievements:

Successfully led the project from inception to launch, achieving an impressive NFT staked value post-launch.

Successfully completed and passed the Security Web3 Audit conducted by SlowMist.

Hong Kong Cyberport Air Conditioning Monitoring App/Web

- Real-time Monitoring:
 - Provide live temperature readings from various sensors installed throughout the Cyberport facilities.
- Control Functionality:
 - Allow authorized personnel to adjust temperature settings remotely.
- Analytics Dashboard:
 - Display historical temperature data and usage patterns for better energy management.
- Alert System:
 - Implement notifications for any temperature anomalies or system malfunctions.
- User Management:
 - Secure login system for different levels of access among staff.
- Cross-Platform Accessibility:
 - Ensure the app is functional and responsive on Android, iOS, and web platforms.
- User Experience (UX):
 - Create an intuitive interface for efficient navigation and control.

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Solar Inverter App

- Technical Highlights
 - Flutter Development:
 - Developed a cross-platform mobile application with Flutter that enables users to interact with their inverter systems from any device with a consistent and engaging user interface.
 - AWS IoT Integration:
 - Implemented AWS IoT services to securely connect to and manage inverter devices, facilitating real-time data streaming and state updates.
 - Data Management:
 - Designed the app architecture to efficiently process and display real-time data from inverters, including power output, system health, and environmental impact metrics.
 - ESP Provisioning Implementation:
 - Integrated ESP provisioning to facilitate the initial configuration of the inverter devices through the app, simplifying the process of connecting the devices to the user's network and registering them with AWS IoT.

D-ash Event app

- Technical Highlights
 - Flutter Development:
 - Built a cross-platform app with Flutter, ensuring a consistent and smooth user experience across all Android device types used in the event ecosystem.
 - SDK Integration:
 - Seamlessly integrated a Payment SDK to facilitate secure and efficient financial transactions directly within the app on specialized Android hardware.
 - Scanner SDK Integration:
 - Embedded a Scanner SDK to empower the app with fast and accurate ticket scanning capabilities, streamlining the entry process for a large volume of attendees.
 - Cross-Platform Performance:
 - Optimized the app's performance on dedicated Android hardware, ensuring that the app leveraged the full potential of the device's features and capabilities.

San Miguel Lucky Draw

- Frontend Development:
 - Developed an intuitive and responsive user interface with real-time drawing features, ensuring cross-browser compatibility and mobile responsiveness.

Love Fitness - Rotary Club of City Northwest Hong Kong, TIN SHING DOJANG Company Limited ☑

• Design and Developed **Mobile App** ☑ using Flutter

- Responsive Design:
 - Create a mobile-responsive website that adapts to various screen sizes.
- User Experience (UX):
 - Improve the site's usability to help clients find information and properties efficiently.
- Content Management:
 - Enable easy content updates for new properties, news, or changes in policy.
- SEO Optimization:
 - Implement strategies to increase the site's visibility on search engines.
- Integration:
 - Embed a property management system that allows users to view property details, schedule viewings, and make inquiries.

Grappas Restaurant Website

- Responsive Design:
 - Ensure the website is mobile-friendly and accessible across various devices.
- User Experience (UX):

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- Develop a user-centric design that makes navigation intuitive for site visitors, aiming to increase engagement and conversion rates.
- Content Management:
 - Utilize WordPress's CMS capabilities to allow the restaurant staff to update menus, photos, and other content without technical support.
- SEO Optimization:
 - Implement SEO best practices to improve the restaurant's visibility on search engines.
- Integration:
 - Include a table reservation system and link the website to Grappas' social media profiles.
- Performance:
 - Optimize website speed and loading times.

Haira - Haira Limited 🛮

- This app aims to promote the Hong Kong hairstyle industry and help every Hongkonger to find the right hairstylist.
- Design and Developed Website □
- Design and Developed Mobile App using Flutter 2.2

- Mobile App for Property Managment
- Design and Developed Website □
- Design and Developed Mobile App using Flutter 2.2

- CharcleVPN can provide the VPN Service
- Designed and developed
 - iOS app using Swift 5.0
 - Android App using Flutter

App Feature:

- Stock news and charts
- Portfolio analysis
- Latest stock price trends and real-time strategies
- Market analysis
- Investment stragegy Sharing

Job Duty:

- · Design and implemented
 - Android App using Flutter
 - iOS App using Swift 5.0
- Beta tested pre-release application software

SportTimeGo - Top Wish Internetional Holding Limited ☑

- Communicated with clients to deliver quality software projects and followed up with them to ensures that the customer was happy with the work.
- · Designed and implemented Android and iOS app using Flutter
- Developed universal push notication platform for APNS(Apple) and GCM(Android) network that feature user targeting, schedulable notifications, and reliable performance.
- Involved in all phases of software development life cycle of the applications.

Languages		
English	Cantonse	
Mandarin		

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Skills			
Swift		Flutter	
Java		React Native	
Python		C#	
XCode		Android Studio	
Adobe XD		Adobe Illustrator	
Rust		AWS Cloud Service	
Team Management		Project Management	
Certificates Google Data Analytic	Specialization	Google Project Managemen	t Certificate
FinTech: Finance Indu	stry Transformatio	n and Regulation	
Decentralized Finance	e (DeFi): The Future	e of Finance	
Oracle Cloud Data Ma	nnagement 2023 Ce	ertified Foundations Associate	
Oracle Cloud Infrastru	ucture 2023 Certifi	ed Foundations Associate	

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