

Singh Gursewak (成志華)

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EDUCATION

University of Wollongong Bachelor of Science in Computer Science	Jun 2021 – Sept 2023 Hong Kong
University of Wollongong Associate Degree in Creative and Interactive Media Production	Sept 2019 – May 2021 Hong Kong

WORK EXPERIENCE

JW Marriott – Cluster IT Specialist <ul style="list-style-type: none">Prepare and deploy desktops/laptops for users by reimaging systems, configuring software and setting up essential hardware such as docking stations, ethernet cables and various computer gadgets.Implement system updates and maintenance protocols, ensuring compliance with company policies and minimizing downtime across multiple departments.Diagnose and resolve user-reported problems related to applications and networking issues, including troubleshooting and correcting network connectivity disruptions caused by incorrect IP address and DNS configurations on user devices.Manage user accounts in the Active Directory by assigning roles, setting permissions and applying group policies, while maintaining records to ensure secure and organized IT operations.	Dec 2024 – Present Hong Kong
Samyukta Studio – Tutor <ul style="list-style-type: none">Led individualized tutoring sessions for 40+ students across multiple grade levels, tailoring instruction to diverse learning styles while fostering confidence and deepening subject understanding.Developed personalized lesson plans and custom revision materials, including dictation sheets, test guides, and practice exercises. These resources were designed to target curriculum gaps and enhance student performance in assessments.Initiated an all-in-one mobile app integrating attendance tracking and automated salary calculations, reducing administrative workload by 68% for studio staff.	Nov 2021 – Oct 2024 Hong Kong
Simbans Limited – App Developer Intern <ul style="list-style-type: none">Led the concept design and development of the app's initial draft, establishing a streamlined workflow that accelerated the prototyping process and delivered a functional MVP within just 4 weeks, laying a solid foundation for subsequent development phases.Launched the prototype on Google Play Store, generating over 1500 downloads within the first three months.Coordinated with a third-party developer for Version 2, overseeing rigorous testing and implementing 8+ critical updates to enhance user experience.Delivered Version 2 improvements by fixing app crashes and optimizing loading time, resulting in a 40% faster startup and enhanced user experience.	Feb 2023 – Jun 2023 Hong Kong

PROJECTS

WiseSpend – SAAS Project

Completed

NextJS, MongoDB, Stripe, TailwindCSS

- Designed and developed an interactive expense tracking tool featuring data input with real-time visualizations, boosting user engagement and financial awareness.
- Learned and integrated Stripe payment gateway for the first time, successfully enabling subscription management.
- Planned future enhancements to support Excel file import for bulk data entry and leverage AI-driven forecasting to predict spending patterns and alert users to potential budget overruns.

QuickLearn – Freelance Project

Completed

iOS Mobile Application, Firebase

- Created a personalized tutor booking platform with an integrated AI chatbot for learning assistance.
- Enhanced user engagement with interactive tools promoting creativity and critical thinking across age groups.
- Managed app development from prototyping to deployment, improving self-learning capabilities for 100+ users.

AttendWise – Passion Project

Completed

React Native, Firebase

- Developed an attendance tracking app for a local tutoring center, enabling exports to Excel and simplified record keeping.
- Reduced administrative time by 68% through intuitive UI and batch data export functionality.

LANGUAGES

Native: English, Punjabi & Hindi

Proficient: Cantonese

TECHNICAL SKILLS

IT Infrastructure & Support: Active Directory Administration, BitLocker Encryption, System Imaging & Deployment, Endpoint Security & Compliance, Remote Troubleshooting & Support, Backup Recovery

Languages & Frameworks: JavaScript, Java, Swift, Dart (Flutter), HTML, CSS, React Native, NextJS

Tools & Platforms: Git, GitHub, Firebase, Microsoft Office, Wix, Figma, Xcode, VS Code, Android Studio

Databases: Firebase Realtime DB, MongoDB

UX/UI SKILLS

Design: Information Architecture, Wireframing, Storyboarding, Task Flows, Use Cases, User Flows

Research: User Research, User Personas, Usability Testing, A/B Testing, UAT

Prototyping: Low to High Fidelity Mockups, Interactive Prototypes, Responsive Design

Availability: 1-month notice period required