

Summary

A motivated and detail-oriented Bachelor of Information Technology student with a strong foundation in software development, project management, and research. Skilled in developing full-stack applications, and enterprise systems with a focus on usability and scalability. Equipped with experience in both technical and administrative roles, demonstrating adaptability, strong communication, and teamwork. Fluent in multiple languages, ensuring effective collaboration in diverse environments.

Education

Bachelor of Information Technology

Queensland University of Technology (QUT)

Brisbane, Australia | July 2022 - Present

GPA: 6.1/7.0

Skills

- **Programming Languages:** Python, JavaScript, SQL, HTML, CSS, C#
 - **Frameworks:** Flask, Node.js, React, Vue, Angular
 - **Tools:** Git, GitHub, AWS, Azure
 - **Databases:** MySQL, MongoDB
 - **Web Technologies:** RESTful APIs, UI/Frontend (CSS, HTML, JavaScript)
 - **Other Technologies:** IoT
 - **Soft Skills:** Problem Solving, Communication, Teamwork, Adaptability, Attention to Detail, Time Management, Analytical Thinking, Collaboration
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Experience

Freelance Software Developer

GD Strem Project | May 2024 - Present

- Designed and implemented a comprehensive hotel management platform using React, Node.js, MySQL, and CoreUI, integrated with an Android APK.
- Developed features for room booking, user authentication, and device management.
- Integrated RabbitMQ as a consumer-publisher mechanism to auto-detect room availability and enable efficient communication between the system and hotel room TV servers.
- Implemented functionality to manage all hotel room TV servers from the system, enabling seamless monitoring and control.
- Provided freelance support and regular updates to ensure the system's reliability and scalability.

Administrative and Sales Assistant

Furniture Retail Store | August 2024 – Present

- Managed administrative tasks, including organizing documents, scheduling, and maintaining inventory records, to ensure smooth store operations.

- Assisted the sales team by engaging with customers, understanding their needs, and recommending suitable furniture solutions.
- Processed invoices, handled customer inquiries, and supported the financial team with data entry tasks.
- Contributed to achieving sales targets through proactive customer service and product knowledge.

Research Assistant

Mid-Year Research Experience Scheme, Faculty of Science, QUT | June 2024 - August 2024

- Conducted research on inclusive technologies from Computer Science perspective.
- Designed and implemented experiments, analyzed data, and presented findings.

Office Assistant

Titov Furniture | Dec 2023 - Feb 2024

- Managed correspondence, scheduled meetings, and maintained office supplies.
- Assisted with invoice processing and data entry.

Projects

GD Strem Hotel Management System

- Created a comprehensive hotel management platform with features like room booking, user authentication, and device management.
- Integrated RabbitMQ for room availability auto-detection and TV server management.

Mobile IoT Solution for Smart City Development

- Designed an IoT solution integrating Android, Java, MQTT, JSON, SQLite, Firebase, and JavaFX.

Mindful Browser Development

- Developed mindfulness-focused browser features using Java, HTML, CSS, JavaScript, and MongoDB.

Event Management Web Application

- Built an event management platform with Flask, Python, MySQL, and Bootstrap.

Movie Information and User Profile Management System

- Designed RESTful APIs with Node.js and Express, featuring JWT-based authentication.

Languages

- English, Mandarin, Cantonese, Malay, Taiwanese