

Ralph Joeffrey T. Dagondon

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Profile

Cyber Security student and Full-Stack developer with proven strengths in teamwork, project management, and customer service. Experienced in both collaborative and independent environments, I am eager to apply my knowledge and diverse experiences towards creating impactful, real-world solutions.

Education

Bachelors of Cyber Security, Macquarie University 02/2023 - Current

Diploma in ICT, Don Bosco Technical Institute Makati - Philippines 2018 - 2020

Work Experience

Project Manager & Lead Developer (WIL) | SOPREMA 08/2025 - Present

- Managed AGILE sprint planning, task allocation, and overall project progress.
- Liaise with stakeholders to gather requirements and communicate updates.
- Lead DevOps initiatives, implementing Git version control workflows, automated CI/CD pipelines using GitHub Actions, and containerised deployments with Docker.
- Designed and maintained the development environment, including build pipelines, run scripts, dependency management, and developer onboarding documentation.

Senior Student Belonging Activator | Macquarie University 05/2025 - Present

- Assisted in the recruitment process, including candidate screening and assessment which supported effective hiring decisions.
- Streamlined booking processes across multiple services within the team, improving the operating efficiency and enhancing the user experience.
- Led teams during campus activations, overseeing logistics, on-site coordination, and team operations to ensure smooth execution and impactful engagement.
- Planned, curated, and scheduled content to align with service branding and overall campaign objectives.
- Boosted social media engagement by 50% through strategic content planning and content creation.

Student Belonging Activator | Macquarie University 02/2024 - 05/2025

- Handled a diverse range of responsibilities such as setting up and managing stalls, preparing engagement materials, assisting with multiple university events.
- Leveraged communication skills in order to provide essential information to more than 300 students daily regarding current activations and events.
- Engaged with 80-120 students over the phone per day during calling campaigns to communicate important information and gather data.

FSE Student Ambassador | Macquarie University 02/2025 - Present

- Conducted campus tours for incoming Science and Engineering students around faculty related facilities.

- Provided wayfinding assistance, ensuring that event attendees were able to navigate the event area effectively.
- Supported the setup, execution, and packdown of campus events, contributing to a positive student experience.

Barista & All-Rounder | Diego's Coffee and Donuts

05/2023 - Present

- Managed high volume transactions (250 - 350 daily), ensuring accurate and efficient sales while performing efficiently and effectively in a fast-paced and high-pressure work environment.
- Engaged with customers in a friendly manner, establishing positive interactions using effective communication, ensuring exceptional customer service

Volunteer Experience

Secretary | Filipino Students Society of Macquarie University

01/2025 - Present

- Enhanced membership experience by developing a website and enhancing internal workflows to streamline communication and engagement processes within the society.
- Reviewed and updated user access controls across key management software to ensure proper role-based permissions.
- Revised and strengthened security policies to enhance data protection and operational integrity.

Director of Events | Filipino Students Society of Macquarie University

06/2024 - 12/2024

- Directed and executed 4 small scale events with approximately 50 participants each, while managing tight deadlines and multitasking under pressure.
- Demonstrated strong project management skills through organising logistics, delegating tasks, and ensuring smooth operations during events.
- Led multiple team meetings and contributed valuable insight that aided in strategic decision-making.

General Officer | Filipino Students Society of Macquarie University

01/2023 - 06/2024

- Collaborated in organizing and setting up events, contributing to event success and membership experience.
- Assisted with tasks including email management, social media sponsorship promotions , and general support.

Projects

Homelab

- Built and maintained a personal homelab environment using Proxmox to manage virtualised operating systems and containers
- Deployed and containerised web applications (e.g., Organisation Website, Personal Portfolio) to simulate real-world hosting environments
- uptime
- Ran a local LLM within the homelab to experiment with AI workloads, showcasing resource management, GPU/CPU utilisation, and containerised ML environments
- Experimented with infrastructure automation, environment provisioning, and service monitoring to strengthen DevOps and systems administration skills

Organisation Website (FSS MQU)

- Designed the full UI/UX in Figma and translated designs into a fully responsive website using Next.js.
- Implemented reCAPTCHA to mitigate spam and abuse, as well as enhancing frontend security.
- Built backend systems to handle key transactions, including form submissions and contact email handling.

Mobile Food Review App (Foodify) - University

- Designed full UI/UX in Figma, focusing on smooth user flows for posting and browsing reviews.
- Developed with Flutter (Dart) and integrated Supabase for backend services, including authentication and data handling.
- Implemented photo upload and rating systems to enrich user-generated content.
- Wrote unit and widget tests to ensure consistent functionality and app stability.

Web Application Security Assessment Report - University

- Identified and addressed key security vulnerabilities, including XSS, CSRF, improper RBAC, broken authentication, and authorisation flaws.
- Implemented and tested security enhancements in a Flask-based web application to demonstrate secure development practices.
- Utilised Flask extensions and third-party libraries to ensure maintainable, scalable, and secure application architecture.

Python Job Scheduler - University

- Developed a custom job scheduler for a mock distributed system in Python that outperformed baseline algorithms in regards to average turnaround time.
- Implemented an object-oriented architecture, streamlining client-server communication and improving code maintainability.

Blogging Website

- Developed a full-stack blogging website with React (frontend) and Node.js/Express (backend).
- Implements user signup and login with JWT-based authentication for secure session management.
- Integrated a MongoDB cluster to handle database management and ChakraUI for a clean, modern UI.

Genshin Impact Character Viewer

- Created a web app to display detailed character data for Genshin Impact characters released until mid-2024.
- Utilised React for the UI and an external API to fetch and display character information dynamically.

Skills

- Languages: C, Java, Javascript, Typescript, Python, HTML, CSS
- Frameworks & Libraries: React, Next.js, Tailwind, ChakraUI, Node.js, Express, Supabase, MongoDB
- DevOps & Tools: Git, GitHub Actions (CI/CD), Docker, Linux
- Cybersecurity: Wireshark, NMAP, Linux
- Soft Skills: Project Management, Problem Solving, Customer Service, Communication