

SALVIO HA

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SUMMARY

Software Engineer with 3+ years of experience in frontend (React, Next.js) and backend (MongoDB, MySQL) development. Contributed to projects at Greenie Web, Project Flux, and Bonding Through Coding (MQU). Passionate about problem-solving, continuous learning, and building strong relationships with colleagues and stakeholders to drive project success.

WORK EXPERIENCE

Software Developer, Macquarie University Nov 2025 - Present

- Designing and building a standalone web application utilizing cloud infrastructure and modern architectural patterns.
- Integrating Large Language Models (LLMs) and speech-processing technologies to create multimodal interactive user experiences
- Implementing robust data security measures and ensuring system architecture complies with strict institutional governance and privacy standards.

Educational Technology Intern, Macquarie University Project Nov 2024 - Nov 2025

- Led the "Bonding Through Coding" initiative, offering hands-on coding workshops to primary school students and their families to foster interest in technology and strengthen family connections.
- Designed beginner coding courses in HTML, CSS, JavaScript, and Python to build foundational skills.

Software Engineer Director, Greenie Web Jul 2022 - Jan 2025

- Managed projects and led a team of **30+** co-developers, with over **120** members involved, to design web and desktop applications that exceeded requirements by **150%** in features and deadlines.
- Prevented **10+** fatal issues before Greenie Web launched the product, ensuring smooth delivery.
- Developed eCommerce websites, a Chrome extension, and a desktop application using Next.js, Electron.js, and React.
- Achieved a **30%** increase in completion time, a **70%** improvement in code quality, and a **45%** average reduction in carbon emissions across all digital operations.

EDUCATION

Bachelor of Information Technology 2024- 2026

Macquarie University

- WAM: 90.417 | GPA: 7/7
- Macquarie University Merit List for 2025
- Unit Representative, COMP1350
- Participant, New Colombo Program (NCP) – COMP2750 Jakarta
- Team Member, Bonding Through Coding (project by Charanya)
- Project Manager, Carbon Cue (Open Day project 2025)

ADDITIONAL INFORMATION

- **Technical Skills:** Git | GitHub, React, Next.js, Tailwind, Docker, Scikit Learn, ChatGPT, AI, MongoDB, MERN, Django, Flask
- **Languages:** HTML | CSS | JS, Python, Java, SQL, TypeScript,
- **Languages:** English, Vietnamese
- **Awards/Projects:** NCSS Winner, WAI Hackathon, TikGuard (2024 TikTok TechJam), Futuris (Stock & Crypto Exchange).