Education
- Cranbourne Secondary College, Victoria (VCE, 2021)
- RMIT, Melbourne – Bachelor of Computer Science (2022,2025)

SKILLS
Frameworks: ReactJS, NodeJS, NextJS, Tailwind CSS, SpringBoot, AWS
Programming Languages: Python, Java, JavaScript, HTML/CSS, C++, SQL, Rust

PROJECTS
AES-256 encryption
- Implemented AES-256 encryption in Rust to learn the language
- Increased knowledge of bit manipulation and data structures

Password Manager
- Used a pre-existing cryptography library to implement a simple password manager in Rust
- Learnt industry standards for key management and hashing

Supermarket price comparison website (RMIT)
- Built a price comparison website from an interview with a product manager with a group of 5 students
- Created user stories, SRS, ERD, and designed and implemented an SQLite database for the website backend. For which I scraped data from real supermarket website to ensure data accuracy
- Successfully deployed the website on a public domain using a Docker environment hosted on AWS

Minecraft Man-in-the-Middle Attack Prevention. (RMIT)
- Secured communications between Minecraft server and an MCPI client using a CCA-secure protocol to prevent packet sniffing.
- Modified Minecraft server files and MCPI library by implementing RSA encryption and SHA256-HMAC authentication.
- Successfully demonstrated effectiveness of implementation using Wireshark to sniff packets on the network.

RELEVANT EXPERIENCE
Equoia   **Melbourne**
Junior Software Developer – hybrid   June 2024 - Present
- Upgraded storage architecture from a simple CSV storage to full-fledged SQLite and DynamoDB, increasing
- Created a frontend website in React using Tailwind CSS and deployed on an EC2 instance with an Apache server
- Assisted in designing components of the frontend in Figma
- Created AWS architecture and estimates to present to leadership
- Learned how to communicate effectively with a multi-cultural team

Ascensionn   **Melbourne**
Lead Front-end freelance developer – Remote   December 2024-Present
- Leading a team of 3 to develop a SPA in ReactJS
- Designed components in Figma for the webpage
- Created React frontend components with Tailwind CSS
- Gained leadership skills and learnt how to liaise with clients

INTERESTS
coding, Drawing, Cars, gaming, movies