Ray(Zhan Rui)Yap

Full Stack Developer | [Email](#) | [LinkedIn](#) | [GitHub](#) | [Portfolio](#)

EDUCATION

The University of Melbourne   Feb 2023 – July 2024
Master of Information Technology - Major in Cybersecurity   *Melbourne, VIC*
- Grade: Distinction - Awarded Melbourne Global Graduate Scholarship (2023)

Monash University   Feb 2020 – Nov 2022
Bachelor of Computer Science - Major in Advanced Data Structures & Algorithms   *Melbourne, VIC*
- Grade: Distinction - Awarded International Study Grant (Admitted with ATAR 93.5)

EXPERIENCE

Software Developer Internship   Feb 2024 – June 2024
InflaMed   *Melbourne, VIC*
- Designed and delivered a full-stack web application using TypeScript and Next.js with RESTful API integration, reducing average page load times by 40%.
- Automated Infrastructure as Code (IaC) using Terraform and deployed to Google Cloud Platform, cutting manual deployment setup time by 80%.
- Collaborated with agile cross-disciplinary teams, maintaining near 100% on-time sprint completion rate.

Sales Assistant   Sep 2024 – Present
Coles Liquorland   *Melbourne, VIC*
- Enhanced customer experience by providing exceptional service and product knowledge.
- Achieved sales targets through effective communication and up-selling techniques.
- Developed strong rapport with regular customers, boosting repeat business and positive store reviews.

Front of House Staff   Mar 2023 – Feb 2024
Rhumbas Crown Casino   *Melbourne, VIC*
- Demonstrated strong communication and interpersonal skills by effectively engaging with customers.
- Managed high-pressure situations with composure, ensuring a positive experience for guests.
- Collaborated with team members to streamline service and resolve customer issues promptly.

PROJECTS

E-Commerce Coffee Website | *Next.js, Tailwind CSS, PostgreSQL, Amazon RDS, Node.js*
- Developed a scalable, high-performance full stack e-Commerce platform using Next.js, React, and Tailwind CSS.
- Built a back end API with Node.js, and PostgreSQL on Amazon RDS, optimising query performance.
- Engineered a feature-rich shopping cart system, including product CRUD operations, persistent cart storage, and multi-item support.

Personal Portfolio Website V2 | *Next.js, Typescript, Tailwind CSS*
- Engineered a dynamic and responsive user interface with Next.js and Tailwind CSS, ensuring seamless performance across various devices and screen sizes.
- Implemented interactive type animations and custom effects, providing a unique and personalised user experience
- Deployed on Vercel, ensuring efficient build processes and continuous deployment for rapid updates.

DevOps Deployment Application | *GitHub Actions, CI/CD, Docker, Vitest/Jest*
- Integrated a CI/CD pipeline using GitHub Actions, automating build, test, and deployment workflows.
- Established a continuous integration process where each push triggers builds, tests, and Docker image pushes.
- Implemented automated testing with Vitest + React Testing Library for the front end and Jest for the back end, ensuring code quality with every commit.

SKILLS

Programming: JavaScript/TypeScript, C#, .NET, Python, Java, SQL, HTML/CSS
Frameworks/Databases: React, Next.js, Node/Express, .NET Core, Flask, PostgreSQL, Redis, MongoDB
Developer Tools: Terraform, Docker, AWS/GCP, CI/CD, RESTful APIs, Automated Testing
Certifications: AWS Certified Cloud Practitioner
Languages:English(PTE 90/90), Mandarin, Cantonese, Malay