

# Ray(Zhan Rui)Yap

Full Stack Dev | [rayyap.dev@gmail.com](mailto:rayyap.dev@gmail.com) | [LinkedIn](#) | [GitHub](#) | [Portfolio](#)

## EDUCATION

### The University of Melbourne

*Master of Information Technology*

- Grade: Distinction - Awarded Melbourne Global Graduate Scholarship (2023)

Melbourne, VIC

Feb. 2023 – July 2024

### Monash University

*Bachelor of Computer Science*

- Grade: Distinction - Awarded International Study Grant (Admitted with ATAR 93.5)

Melbourne, VIC

Feb. 2020 – Nov 2022

## EXPERIENCE

### Software Developer Internship

*InflaMed*

- Designed full-stack web applications using TypeScript, React, Next.js with RESTful API integration.
- Automated Infrastructure as Code (IAC) using Terraform and deployed to Google Cloud Platform.
- Collaborated effectively in a cross-disciplinary team following Agile teamwork principles.

Feb 2024 – June 2024

Melbourne, VIC

### Sales Assistant

*Coles Liquorland*

- Provided exceptional customer service, assisting with product selection and answering queries to ensure a positive shopping experience.
- Adhered to safety regulations and Responsible Service of Alcohol guidelines, ensuring compliance with company policies and legal requirements.
- Contributed to increased sales through up-selling menu items and promoting special offers.

Sep. 2024 – Present

Melbourne, VIC

### Front of House Staff

*Rhumbas Crown Casino*

- Enhanced customer satisfaction by providing efficient and friendly service in a fast-paced environment.
- Ensured clean and welcoming atmosphere for guests by regularly sanitising surfaces and equipment.
- Maintained high food quality standards by following proper food handling and storage procedures.

Mar 2023 – Feb 2024

Melbourne, VIC

## PROJECTS

### E-Commerce Coffee Website | *Next.js, Tailwind CSS, PostgreSQL, Amazon RDS, Node.js*



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### 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 cursor 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 a workflow to build, test, and push Docker images to GitHub Container Registry.
- Implemented automated testing with Vitest + React Testing Library for the front end and Jest for the back end, ensuring software quality with every commit.

## TECHNICAL SKILLS

**Soft Skills:** Communication, Collaboration, Problem-solving, Critical Thinking, Leadership, Attention to detail

**Programming:** Python, Java, C#, C++, SQL, React, JavaScript, .NET, Node.js

**Developer Tools:** Terraform, Docker, AWS/Azure, CI/CD, RESTful API, Automated Testing

**Certifications:** AWS Certified Cloud Practitioner

**Languages:** English(PTE 90/90), Mandarin, Cantonese, Malay