

# SEE Yang Zhi

Singapore | [LinkedIn](#) | +65 8535 3215 | [yangzhi.see@u.nus.edu](mailto:yangzhi.see@u.nus.edu) | [yangzhi.dev](#)

## EDUCATION

---

### Bachelor of Computing (Honors) in Computer Science

National University of Singapore

Expected Graduation: 2027

- NUS Overseas College SEA, May - Aug 2024
- NUS Overseas College Beijing, Feb 2025 - Jan 2026
- Research Analyst for NUS Fintech Society

## EXPERIENCE

---

### Blitz IT Consultants Pte Ltd

Software Engineer Intern

Hanoi, Vietnam

May 2024 - Aug 2024

- Led the design and implementation of a Generative AI module for financial compliance and Anti-Money Laundering (AML) software using Langchain and Sagemaker, built on top of LLaMA3, utilising RAG.
- Improved the efficiency of compliance processes, resulting in a 40% increase in case closures. Achieved savings of up to 20 man-hours per week for compliance officers through automation and intelligent processing.
- Enhanced CI/CD pipeline to streamline software deployment and reduce E2E integration issues.

### MINDEF@SAF (National Service), CBRE Defence Group

Software & Data Engineer (Web Scraping)

Singapore

Apr 2022 - Aug 2023

- Directed initiatives to deliver data-driven insights for counter-terrorism efforts by designing and implementing data pipelines through web crawling and Natural Language Processing (NLP)
- Streamlined data extraction, transformation, and elevating data quality, and usability.
- Reduced data processing time and costs by up to 80 man-hours per week

### Birthday Research | Cake Defi

Open Source Developer (DevOps)

Singapore

Jul 2022 - Feb 2023

- Developed build scripts to compile binaries and generate installable packages for MacOS, Linux, and Windows.
- Ensured the reproducibility of build binaries through containerisation techniques. Ensured that all dependencies were included in the production package, eliminating the need for dependency symlinks
- Implemented a CI/CD pipeline using GitHub Actions, streamlining the packaging and build processes for enhanced efficiency

### Government Technology Agency (GovTech)

Software Engineering Intern/DevOps Engineer

Singapore

Mar 2020 - Apr 2021

- Created features for the OurSG Grants portal using React and Ruby on Rails, contributing to the implementation of key grants like the Covid Support Grant, Toteboard's General Project Grant, and SportSG Grants
- Established and managed the Infrastructure as Code for TeamCity and the CI/CD pipeline, automating critical tasks like packaging, deployment, backup, and testing
- Leveraged Ansible, Packer, and Terraform to maintain AWS infrastructures, such as AMIs and RDS
- Led Sprint Reviews and Retrospectives, fostering collaborative learning in a 20-member team through facilitated technical sharing sessions

## ACTIVITIES

---

### Google Developer Student Club

Tech Lead (Frontend), Project MINDS

Singapore

Aug 2023 - Aug 2024

- Established and enforced coding standards, conducted code reviews, and mentored team members to enhance their proficiency in modern frontend technologies
- Collaborated with cross-functional teams to translate design specifications into functional and performant web applications, ensuring a seamless user experience across various platforms
- Spearheaded development and implementation of a full-stack NextJS-Express Volunteer Management System

## SKILLS

---

**Languages:** Typescript, Javascript, Java, HTML, CSS, Python

**Technologies/Frameworks:** Amazon Web Services (AWS), Docker, Ansible, Terraform, Packer, GitHub Actions, TeamCity, Apify.js, React.js, Next.js, Linux, DevOps, Tailwind