VINCENT ONG

+65 89078626 | vincentongkaisen6@gmail.com | linkedin.com/in/vincentoks | github.com/v1-nce | vincentoks.vercel.app

EDUCATION

National University of Singapore (NUS)   **Aug 2025 – May 2029 (Expected)**
Bachelor of Computing in Computer Science   *Current GPA: 4.0/5.0*
- − Nurtured proficiency in Java, Python, Programming Methodology, OOP, Linear Algebra, Discrete Structures and Statistics in R as a year 1 student.

TECHNICAL SKILLS

Languages: Java, Go, Python, React, JavaScript/TypeScript, SQL
Frameworks: Gin, Next.js, Node.js, Express.js, React Native
Developer Tools: PostgreSQL, Docker, Postman, Git, Vercel

INTERNSHIPS & EXPERIENCES

Sonzai Labs – *Software Engineering Intern*   **Mar 2025 – Jun 2025**
- − Engineered scalable full-stack features using React Native, Python, and Go, leveraging Redis and ScyllaDB for high-performance data handling and Windmill for orchestration.
- − Swiftly diagnosed and resolved production bugs on a CI/CD workflow with Git for version control.
- − Led frontend development for Sonzai's NFT minting event, integrating smart contracts and Web3 wallet authentication; launched and minted 500 NFTs.

IDEATE Hackathon – *Participant*   **Aug 2025**
- − Pitched an AI companion solution designed to engage children, alleviate loneliness and reduce screen time when parental attention and availability is limited.

CloudHacks Hackathon – *Participant*   **July 2023**
- − Led my group in creating and executing a presentation of our project idea which focused on creating a transparent e-commerce environment with VR and AR features.

SAF Infantry 3rd Sergeant – *Leader*   **March 2023 – Jan 2025**
- − Led and trained recruits as a commander, oversaw firearms accountability and resolved conflicts as a role model.

PROJECTS

ThreadTalk – *Full Stack Application*   **Dec 2025 – Present**
- − Developed a web application with Go (Gin), Typescript and React where users create topics, posts and comments similar to Reddit forums.
- − Implemented infinite scroll, comments nesting with concurrency and basic JWT authentication and authorization.

Project Veridian – *Full Stack Application*   **Jun 2025 – July 2025**
- − Developed my first full-stack CRUD web application with Express.js and Next.js, deploying the backend on Railway and the frontend on Vercel, providing users a platform to create, edit, and manage personal books and journals.

Project Visente – *Entrepreneurship*   **Dec 2022 – March 2023**
- − Launched a fragrance decanting side hustle, selling 40+ bottles with approximately $100 profit by leveraging demand for affordable access to diverse scents.

AsrFoodMood – *Entrepreneurship & Community*   **Oct 2021 – Dec 2021**
- − Initiated and spearheaded a food wastage awareness campaign at ASRJC, engaging students through multiple media platforms and delivering significant donations to FoodBank.

CERTIFICATIONS AND INTERESTS

Certifications: Google Professional Machine Learning Engineer Certification (GCP).
Interests: Art and drawing, brazilian jiujitsu, tennis and taekwondo.
Skills: Public speaking, leadership, an awesome team-player, optimism.