

ZHOU ZIHENG

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EDUCATION

Nanyang Technological University, Renaissance Engineering Programme **Aug 2022 – Dec 2026**

Bachelor of Engineering Science (Computer Science), M.Sc. in Technology Management

Raffles Institution **Jan 2014 – Dec 2019**

WORK EXPERIENCES

Proxtera **May 2023 – Jul 2023**

Software Engineer Intern

- Contributed to the Agile development and testing processes of frontend features using JavaScript, React, and Jest
- Executed migration of GhanaPostGPS API from Golang to Node.js, resolving critical development bottlenecks
- Developed an AI-powered website builder that allows users to generate and customise landing pages using OpenAI and GrapesJS
- Initiated and created a CLI app that automates bulk creation of transactional emails using Node.js and Google Sheets API

Refers.fyi **Feb 2023 – Apr 2023**

Software Engineer Intern

- Participated in the development process of a minimum viable product that facilitates anonymous job referrals
- Spearheaded design and implementation of user-friendly web interfaces using TypeScript, React, and MUI
- Performed efficient integrations of backend services and REST APIs using Redux-Saga

Shopee **Feb 2022 – May 2022**

Project Intern

- Conducted market research and data analysis to identify high-value merchants for ShopeePay acquisition
- Initiated and led the development of a product landing page to assist in merchant pitches
- Built a WhatsApp bulk messaging GUI app for internal use that tripled efficiency using Python

ACHIEVEMENTS & PROJECTS

Champion – Shopee Product & Design Challenge 2022

2nd Runner-Up – Singapore Airlines AppChallenge 2023

Finalist – Credit Suisse CodeIT Coding Challenge 2022

Rate My Gym **Live | [GitHub](#)**

Node.js, Express, MongoDB

Lifeline **Live | [GitHub](#)**

Flutter, Firebase

SKILLS

Languages: JavaScript, TypeScript, Java, Python, Dart, C

Frontend: Flutter, React, HTML, CSS, Bootstrap; **Backend:** Node.js, Express, MongoDB, SQLite; **Others:** OpenAI, Jest, Git, GitHub