

# Goh Jun Yi

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## EXPERIENCE

### NodeFlair | Software Engineer Intern, Singapore

May 2023 – Dec 2023

- Developing an AI-powered resume builder with personalized recommendations, real-time feedbacks, and PDF export capabilities
- Engineered newsletter feature that recommends weekly job opportunities and other data based on users' job search status and preferences, now utilized by over 1000 users
- Revamped frontend features which reduced bounce rate by 10% and exit rate by 20%

### CVWO | Software Engineer Intern, Singapore

May 2022 – Aug 2022

- Led a team of 3 to design and implement 2-factor authentication (SingPass, Email, TOTP) for an elderly management system, currently being deployed for 2,500 staff and over 20,000 seniors
- Spearheaded migration of Ruby on Rails from 5.2 to 6.1 and Ruby from 2.5 to 3.0, refactoring the codebase to remove unsupported dependencies, ensuring long-term sustainability

## CO-CURRICULAR EXPERIENCE

### Source Academy | Software Engineer, Singapore

Jan 2023 – Aug 2023

- Designed and developed a notification system while ensuring extendibility across various notification mediums, now utilized weekly by over 1,000 students every semester globally
- Revamped background job processing for fault-tolerant execution, job tracking, and monitoring

### Google Developer Student Clubs | Software Engineer, Singapore

Aug 2022 – Aug 2023

- Developed administrative and student learning journey page to enhance teacher efficiency and elevate quality of student education

## EDUCATION

### National University of Singapore

Aug 2021 – May 2025

Bachelor of Computing (Honors) in Computer Science, Cum. GPA: 4.97 / 5.0

- Teaching Assistant for CS1101S, CS2100 over 2 semesters
- Relevant coursework: Data Structures and Algorithms, OO Principles, Databases Design and SQL, Software Engineering, Artificial Intelligence and Machine Learning

## SKILLS

### Languages

Java • Python • C++ • SQL • Ruby • Elixir • JavaScript • TypeScript • HTML • CSS/SCSS • Markdown • Bash

### Libraries, Frameworks, Tools

PostgreSQL • MongoDB • React • Tailwind CSS • Express • Rails • Phoenix • NestJS • Node.js • Flask • PyTorch • TensorFlow • OpenCV • GIS • Docker • Nginx • Neo4J • Spark • Git • AWS

## PROJECTS

### EcoQuest | Top 100 finalist for Google Solutions Challenge 2023

- [EcoQuest](#) is a community-based game that leverage AI to promote sustainable living

### Recyclops | Winner of NUS LifeHack '22 Hackathon, with 413 participants

- [Recyclops](#) is a web application that uses machine learning to determine recyclability of items

## AWARDS

**NUS Dean's List** | Top 5% of the cohort; Awarded 3 times in Spring 2022, Fall 2022, Spring 2023

## WORK AUTHORIZATION

Singapore Citizen: Eligible for [H1B1 Singapore Visa](#) that has a separate quota from the H-1B pool