

# HO JIE RUI CANNETH

canneth.ho@gmail.com  
+65 96568793

Visit My Website!

[canneth.dev](https://canneth.dev)

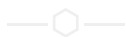


## Programming Languages

- TypeScript
- JavaScript (ES6+)
- HTML
- CSS
- SQL (PostgreSQL)

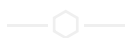
## Technologies

- React
- Vue
- NextJS
- MobX
- NodeJS
- ExpressJS
- PostgreSQL
- MSW
- Jest
- Testing Library
- Git
- Vercel
- Heroku



## Design

- Figma



## Interests

Skateboarding  
Parkour  
History  
Non-fiction

## Work Experience

### Automation Engineer @ Pocket Technology Pte Ltd

Aug 20 - Aug 21

#### Technical Lead, Solution Architect

Automated Concrete Testing Facility

- Designed and presented the proposal concept for the \$650,000 project
- Developed a policy-based logic architecture to coordinate 4 6-DOF robot arms and 8 independent material transport monorail shuttles
- Prepared and presented project updates to the customer on a bi-weekly basis as the main point of contact between the team and the customer

#### Project Lead, Solution Architect

Automated Steel Drum Lid Handling System

- Designed and presented the proposal concept that secured the \$250,000 project
- Learned to write, developed and then deployed production-ready code in an unfamiliar robotic programming environment within 3 weeks
- Communicated with persons of various technical levels while ensuring a common understanding of the project requirements by all

## Personal Projects

### JustGo! | [justgo.dev](https://justgo.dev)

Dec 21 - Present

- A web app that helps users find and curate favourite places to go
- Frontend designed in Figma, written in TypeScript, built with NextJS and deployed on Vercel
- Uses MobX for state management; Jest and React Testing Library for testing
- GitHub repo: <https://github.com/canneth/just-go-frontend>

### Personal Website v1 | [canneth.dev](https://canneth.dev)

Dec 21

- My first serious attempt at making a performant website using modern technologies
- Frontend designed in Figma, written in JavaScript, built with NextJS and deployed on Vercel
- GitHub repo: <https://github.com/canneth/personal-website-v1>

## Education

### Singapore University of Technology and Design

May 15 - Sep 19

- Bachelor of Engineering (Engineering Product Development), Honours
- Focus Track: Robotics
- CGPA: 4.07/5.00 (Magna Cum Laude)

### Stanford University

Jun 16 - Aug 16

- Stanford Summer International Honours Programme (SSIHP)
- Certificate of completion of the Summer Intensive in Computer Science
- CGPA: 3.35/4.00