



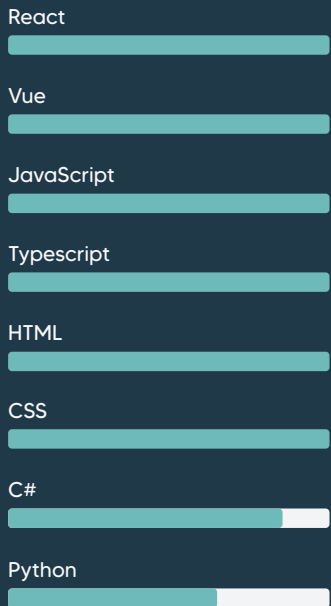
# Kervyn Tan

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View Profile

## Education

Aug 2022 – May 2026\*  
**Bachelor of Computing (Computer Science)**  
National University of Singapore  
\*Expected Graduation: May 2026

## Technical Skills



## Work Experience

### Simplified Technology

- Full-Stack Developer** (May 2023 – Jul 2023)
  - Built 2 QMS (Queue Management System) using Vue, Vuetify frontend and C# backend with .NET Core, Entity Framework, Flurl, and Serilog.
  - Experienced in hardware device integration such as ESC/POS Printer using C#.
  - Implemented software engineering principles, including Pull Requests (PRs) and Issues on GitHub, to maintain a clean codebase.
  - Developed a RESTful API using C# to synchronize a local SQLite database with an AWS Cloud database using MQTT Protocol.

- Part Time Full-Stack Developer** (Aug 2022 – Apr 2023)
  - Created an interactive news page from scratch using HTML, CSS, JavaScript, and Slick Slider.
  - Conducted website maintenances and compiled page health, page speed findings into reports for clients.
  - Assisted in the architecture and conceptualization of a QMS (Queue Management System).
  - Developed websites using WordPress while employing custom styling to suit client's needs.

### Oangle Pte Ltd

- Full-Stack Developer Intern** (Nov 2021 – Aug 2022)
  - Led the development of a hardware devices dashboard using Vue, Vuetify, and in-house API.
  - Assisted in building a payment collection system using React frontend, MySQL backend and communicating with hardware and payment APIs.
  - Conceptualized and developed a luggage deposit and retrieval system using React frontend, PostgreSQL backend, and Banana PI for the in-house API.
  - Spearheaded the implementation and development of a website using Shopify, involving the creation of custom embedded code using HTML, CSS, and JS.
  - Assisted in the development and sitemap construction of websites using WordPress.
  - Custom development of a website built on top of a Wix template.

## Notable Projects

- Leave Management Portal**  
[🔗 React, CSS, Firestore and Firebase Hosting](#)  
A site created to provide ease for an admin for the staffs' leave management. At a glance, the user is able to keep track of the staffs' remaining leaves, the days they are away, and a form for staff to apply leave.
- Hackathon Publicity Site**  
[🔗 React, Next.JS, Firebase Hosting](#)  
Led the development and design of Lifehack's hackathon publicity site along with 2 teammates, working with sponsors such as Standard Chartered and TikTok.
- Transport Convenience Application**  
[🔗 React Native, Proxy Server for external API Calls \(NodeJS, Express, Requests\)](#)  
Built an application designed to provide convenience for both public and private transport users, with the ability to view carpark availability, platform crowd forecast and density at one glance.