

# Sue Zheng Long

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Availability: 7 May 2025 – 9 December 2025

## Education

National University of Singapore

Singapore

- Bachelor of Computing (Honours) in Computer Science
- Focus Areas: Software Engineering, Networking and Distributed Systems
- Relevant modules: Data Structures & Algorithms, Software Engineering, Network Systems, Statistics & Probability, Linear Algebra, Calculus

Aug 2023 - Present

## Technical Skills

**Languages:** C, C++, Dart, HTML, Java, Python, SQL, TypeScript

**Frameworks:** Angular, Express, FastAPI, Flutter, Next.js, Tailwind, Vue.js

**Developer Tools:** Firebase, Figma, Git, Github, Heroku, IntelliJ, Netlify, Vercel, Vite, VSCode

**Databases:** MongoDB, MySQL, PostgreSQL

## Experience

**BETTER.SG**

Oct 2024 - Present

Software Developer Volunteer

- Working on a web application to facilitate message verification

**DND TRADING AND SERVICE**

Jan 2023 - July 2023

E-Commerce/ Data Analyst Assistant

- Handled live customer service and automated pricing of products through Back Market for an e-commerce start up
- Created dashboards to keep track of inventory levels and workers' KPI
- Understood business workflow and provided feedback reports to improve operations

## Projects

**Personal Website** | Vite, Vue.js, CSS, Tailwind CSS, Git | <https://suezhenglong.netlify.app/>

- Designed and developed a responsive personal website using **Vite** and **Vue.js**, ensuring seamless user experience across devices
- Leveraged **Tailwind CSS** for efficient styling and modern design
- Implemented state management to enhance interactivity and functionality
- Deployed and hosted the website on **Netlify**, ensuring fast load times and reliable performance

**SplitBee** | Flutter, Firebase | <https://11nk.dev/splitbee>

- Built a responsive and user-friendly **Flutter** application for seamless shared expense management
- Integrated **Firebase** for authentication and real-time data storage, ensuring secure access control and efficient data management
- Implemented deep-linking functionality to streamline the onboarding process
- Developed a **debt simplification algorithm** that optimizes group transactions, reducing the total number of payments needed to clear debts

**GeoNUS** | Next.js, PostgreSQL, Vercel Blob | <https://geo-nus.vercel.app/>

- Developed a web application using **Next.js** for efficient server-side rendering and dynamic routing
- Integrated **PostgreSQL** as the database to manage and store geospatial data
- Utilized **Vercel Blob** for scalable file storage and seamless deployment
- Deployed the application on **Vercel**, ensuring high availability and performance

**TicTacToe** | Next.js | <https://next-tictactoe.pages.dev/>

- Built a simple online Tic-Tac Toe using **Next.js**, supporting single and two-player modes

## Languages

- English (Fluent)
- Mandarin (Fluent)