

# VU VAN DUNG

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## EDUCATION

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### National University of Singapore Bachelor of Engineering

Aug 2021 - Present

- Major: Computer Engineering – GPA: 4.75/5 – Expected graduation: 2025
- Modules: Data Structures & Algorithms, Software Engineering, User Design
- Top student (out of 248) in CS1010 Programming Methodology
- A+ grade and ranked 7th of 207 in CS2040C Data Structures & Algorithms
- Finish at top 7% of cohort in CP2106 Orbital

## SKILLS

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- Experienced: TypeScript, JavaScript, HTML, CSS, Sass, Next.js, React, Node.js, Svelte, Vue, Nuxt, Linux, git, Firebase, MongoDB, Prisma
- Have used: C, C++, Python, Rust, Java, MySQL, Express.js, GraphQL, Jekyll, React Native, Expo, Google Cloud Platform
- Spoken languages: Vietnamese (native), English (proficient), Japanese (intermediate)
- Technical skills: Foundational data structures, algorithms and software engineering practices, quickly picking up new technologies
- Miscellaneous: Problem solving, teamwork, collaboration

## EXPERIENCE

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### SellApp, Front-end Software Engineer

Jan 2023 - Present

- Lead front-end team in an upcoming no-code project at SellApp
- Utilize Next.js, React, Slate.js and latest modern web technologies

### Hexagon of Maths & Science, Full Stack Engineer

Jan 2021 - Present

- Lead development of 4 upcoming applications and projects by Hexagon
- Make use of Next.js, React, Prisma, MySQL and Google Cloud Platform

### ezkomment, Front-end Developer

Mar 2022 - Aug 2022

- ezkomment is a web-based commenting solution, for NUS Orbital, achieving Artemis level (top 7% of cohort) achievement
- Implemented frontend: prototyping, designing, implementing user interaction, writing client-side logic and testing, totalling 406k lines of code
- Utilized Next.js, React, TypeScript, Firebase, Tailwind CSS with bleeding-edge technologies such as React Server Components

## PROJECTS

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### tailwind-dark-aware

Oct 2022 - Present

- Created, formulated, and fully-typed and tested a Tailwind CSS plugin to generate shorthands for light mode and dark mode colour classes

### tategaki.joulev.dev

Aug 2021 - Present

- Developed an application to display a textual CJK document in vertical writing (called "tategaki" in Japanese)
- Applied SvelteKit, Svelte, TypeScript, and Tailwind CSS

#### **link.joulev.dev**

**Sep 2022 - Present**

- Built a URL shortener, while optimised for personal use, it can be used by public
- Created application using Nuxt.js, Vue.js, MongoDB, TypeScript, Tailwind CSS

#### **presentation.joulev.dev**

**Dec 2022 - Present**

- Built an application to make interactive presentation slides using bleeding-edge code and web technologies
- Developed with Nuxt.js, Vue.js, TypeScript, and Tailwind CSS

### **ADDITIONAL INFORMATION**

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- **Open-source Software:** Contributed to open-source projects, most notably Next.js, DefinitelyTyped, next-auth and zod, where contributed code is downloaded 8.9 millions times per week
- **Community Support:** Assisted thousands of other Next.js developers in the Next.js Official Discord server, and received the "Helper" role (offered to less than 10 members)
- **Co-curriculum Activities:** Currently participating in the NUS Red Cross Youth, 7 Days of Happiness chapter for academic year 2022–2023