

# Thinzar Hnin Yu

## Software Developer

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### PROFILE SUMMARY

Motivated and results-driven final-year Diploma in Information Technology student, specializing in Software Development, studying at Singapore Polytechnic. Passionate about building software that solves real-world problems, through various frameworks and technologies, with a proven ability to drive efficiency, deliver successful outcomes, and collaborate within cross-functional teams.

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### TECHNICAL SKILLS

- **Languages:** TypeScript, JavaScript, Python, Java
- **Frontend Development:** HTML5, CSS3, React.js, Next.js, Tailwind CSS, Bootstrap, RadixUI
- **Backend Development:** Node.js, Express.js, tRPC, RESTful APIs, SpringBoot
- **Database Management:** MySQL, PostgreSQL, MongoDB, MSSQL, Prisma
- **Cloud and Testing:** AWS, Docker, Playwright
- **Data Analysis:** Seaborn, Matplotlib, Numpy, Pandas
- **Others:** Git, AdobeXD, Figma, Microsoft Office

### SOFT SKILLS

Teamwork, Adaptability, Problem-solving, Leadership, Spoken/Written communication, Report writing and presenting, Proactive and self-motivated, Time management, Self-learner, Detail-oriented, Critical Thinking

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### EDUCATION

#### Diploma in Information Technology (cGPA: 3.91)

Apr 2022 - Present

##### Singapore Polytechnic | Singapore

- Awarded Director's Honor Roll.
- Elected to Events Head for SP School of Computing Club and Administration Head for SPAI.
- Organized events and workshops on Front-end Development and Data Visualization.
- Pursuing a minor in Business Management.

#### IGCSE (Overall Grade: Distinction)

May 2019 - May 2021

##### Institute of International Professionalism | Myanmar

- Awarded Pearson Student Excellence Award.
- Achieved 9 Distinctions including Computer Science and ICT.

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### EXTRACURRICULARS

#### Events Head [School of Computing Club (Singapore Polytechnic)]

June 2022 - Apr 2024

- Worked in teams to organize events such as Halloween, Cyber Cup, Christmas Hangout, and Freshman Orientation Camp and strived under pressure and during crises and tight deadlines.
- Presented to Secondary School students about SOCC during the Early Admission Exercise Open House.
- Organized Meals On Wheels for fellow peers to deliver food timely based on dietary requirements.

#### Administration Head [SPAI (Singapore Polytechnic)]

June 2022 - Apr 2024

- Used Microsoft Office and Google Sheets to generate accurate event statistics.
- Took meeting minutes and summarize the main points during meetings.
- Collaborated with my peers to organize SPAI Hackathon 2022 and workshops on Data Visualization.
- Presented to Freshmen about SPAI and demonstrated projects during Freshman Orientation Program.

#### Workshop Organizer [SEED (Singapore Polytechnic)]

Jan 2023

- Collaborated with peers to create learning resources and hosted workshop on Front-End Development.

## PROJECTS (More can be found in my portfolio website.)

### IMCS Toolkit

Aug 2023 - Current

**Technologies:** Next.js, TypeScript, tRPC, AWS, Terraform, Docker, GitHub Pipeline, Playwright Testing, Prisma, CockroachDB, Tailwind CSS

- A toolkit for consultants, creating a dynamic solution to enhance consultants' productivity.
- Currently developing as a school project by collaborating with peers at school.

### Personal Portfolio

Aug 2023 - Apr 2024

**Technologies:** Next.js, TypeScript, Prisma, CockroachDB, Tailwind CSS

- Personal portfolio consisting of who I am as a person, as well as my experiences in Tech.
- Developed as a personal project, to embark on Next.js and Typescript.

### Formiz

Apr 2024

**Technologies:** Next.js, TypeScript, Prisma, CockroachDB, Tailwind CSS

- Google-Form like form builder that allows the creation of forms and surveys with ease.
- Developed as a sequel to a mini form project that was developed for a school assignment using tRPC.

### Colink

Jan 2024 - Apr 2024

**Technologies:** Next.js, TypeScript, Prisma, CockroachDB, Tailwind CSS

- Platform for hackathon organisers to host hackathons and for participants to form teams and connect.
- Developed together with my friend through collaboration after NUS Hack&Roll 2024.

### Colink V1

Jan 2024

**Technologies:** Next.js, TypeScript, tRPC, OpenAI, Prisma, CockroachDB, Tailwind CSS

- Platform for developers to showcase projects and connect.
- Developed as a solo project for NUS Hack&Roll 2024, and rebranded after collaboration.

### Techzero

May 2023 - Aug 2023

**Technologies:** React.js, Node.js, Tailwind CSS, Planetscale (NoSQL), Cloudinary

- E-commerce platform for tech products, inspired by Challenger.
- Developed as a part of a school assignment, together with my 3 other teammates.

### Comic Rental System

May 2023 - Aug 2023

**Technologies:** Java

- A comic rental system that provides recommendations to users.
- Developed as a part of a school project, as my first Java program.

### DVD Rental Site

Oct 2022 - Feb 2022

**Technologies:** Node.js, Express.js, JavaScript, MySQL, Bootstrap

- A DVD Rental website, developed as a part of a school assignment.
- My first full-stack development project.

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## WORK EXPERIENCE

### Part-Time Tutor (Freelance)

June 2022 - Apr 2024

- Tutored two Grade-8 students in English and Science, and an IGCSE student in English.
- Tutoring a Primary-5 student in English currently.

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## CERTIFICATIONS

- AI FOR INDUSTRY® - Literacy In AI (AISG, 2022)
- Data Analysis with Python (freeCodeCamp, 2024)

## LANGUAGES

- English (Proficient)
- Burmese (Native)

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## COMMUNITY SERVICE / OTHERS

### Open House | Singapore Polytechnic | Presenter/Volunteer

Jan 2024, Jan 2023

- Presented to the public about Project INC Pathway in School of Computing.
- Ushered the public along SP and learnt to improve my communication and team-working abilities.

### Youth Model ASEAN Conference | Singapore Polytechnic | Delegate

Sep 2023 - Oct 2023

- Collaborated with delegates from other countries to propose a solution for resource scarcity.