

## EDUCATION

### Nanyang Technological University, Singapore

- Bachelor of Engineering (Computer Science) | Aug 2021 - Dec 2024
  - Expected Honours (Distinction)
  - Current CGPA: 4.32/5.00
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## ACADEMIC PROJECTS

### Digital Transformation using Microsoft 365 and Power Platform

- Designed and developed a cloud-based solution using Power Apps, Power Automate, and Power BI to automate workflows and enhance collaboration across teams
  - Utilized SharePoint Online, Dataverse, and Azure DevOps to integrate and deploy the solution, demonstrating proficiency in Microsoft 365 and Power Platform technologies
  - Achieved 95% reduction in manual data entry and increased team productivity by 30%, showcasing the impact of digitization on business operations
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## INTERN EXPERIENCE

### Software Developer Intern at DBS Bank Ltd

- Designed and developed a translation tool integrating Gen-AI capabilities and Retrieval Augmented Generation (RAG) techniques, resulting in a 40% increase in productivity.
- Utilized React and Ant Design UI library for front-end development, including code refactoring and updating of deprecated content.
- Wrote extensive test cases using React Testing Library and performed regression testing and User Acceptance Testing (UAT).

### Full Stack Software Developer Intern at FoodLine.sg Pte Ltd

- Developed a full-stack web application using PHP and JavaScript for server-side scripting, ensuring responsive backend functionalities.
- Integrated Zoho CRM into the backend application, streamlining customer-facing processes and enhancing lead management.
- Designed meticulous database schemas in MySQL and integrated them into the backend application, employing security techniques such as prepared statements and data sanitisation.

### Software Engineer Intern at Undercurrent Capital Pte Ltd

- Implemented front-end interfaces for Decentralised Applications (DApps) using React and Tailwind CSS to ensure a seamless and user-friendly experience.
  - Composed highly efficient and secure smart contracts using Pyteal and JavaScript for various DApps features such as transaction of digital assets and cryptocurrencies.
  - Authored comprehensive test cases using Mocha Testing Framework and conducted end-to-end testing to ensure successful deployment.
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## CO-CURRICULAR ACTIVITIES

### Programmes Committee Member - Freshmen Orientation Programme

- Managed events to raise over \$1000, demonstrating financial acumen
- Coordinated games and camp activities for 250 freshmen, promoting team building and leadership
- Developed organizational and time management skills, ensuring successful programme execution

### Programmes Committee Member - Orientation Games,

- Coordinated logistics for large-scale events, showcasing problem-solving skills
  - Worked with team members to develop engaging activities, fostering collaboration and creativity
  - Enhanced communication skills through interactions with freshmen, faculty, and vendors
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## SKILLS

### Language Skills:

English - Proficient, Chinese - Conversant

### Programming Languages:

PowerFX, SPFX, PowerShell, C#, JavaScript, HTML/CSS, .NET

### Frameworks & Libraries:

Power Apps, Power Automate, Power BI, Power Platform, SharePoint Online, SharePoint On-Premises

### Technologies:

Microsoft 365, Azure, Infopath, SSRS, Salesforce, Servicenow, PnP Provisioning, REST APIs, MS Forms

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