**[LIM JITT HING](https://jitthing.github.io/portfolio)**

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**Relevant Technical Skills:**

* **Programming Languages:** Proficient in Python, PHP, Go, Java, JavaScript (Typescript, Node.js)
* **Web Development:** Proficient in React, Vue, Next
* **Databases:** Proficient in MySQL, MongoDB, PostgreSQL, Firebase, Supabase
* **Cloud & DevOps:** AWS, Docker, CI/CD
* **Portfolio Website:** [jitthing.github.io/portfolio](https://jitthing.github.io/portfolio)

**EDUCATION**

**SINGAPORE MANAGEMENT UNIVERSITY Aug 2023 - Present**

**Bachelor of Science (Information Systems)**;

* Cumulative GPA: 3.89/4.0
* Specialisation: Digitalisation and Cloud Solutions
* 2nd Major: Computing Studies (Artificial Intelligence)
* Awards
  + Dean’s List for AY 23/24
  + SMU School of Computing and Information Systems (SCIS) Achievements Scholarship

**PROJECTS**

[**SpoonFeed**](https://spoonfeed-mauve.vercel.app/) | Vue, Node.js, Express, Firebase, Spoonacular API **Sept 2024 – Nov 2024**

* Developed a community-driven web app to share recipes, track macronutrients, and facilitate weekly meal planning to reduce food wastage. Increased recipe sharing by 200+ posts in the first month.
* Implemented social feed where users can post, like, and comment on recipes.
* Designed a **w**eekly planner with nutrition tracking for balanced meals.
* Integrated Nutrient API to ensure accurate nutrient data.
* Utilised Firebase Realtime Database to provide real-time updates on community posts

**HACKATHONS**

**SMU .Hack Summer Enrichment Hackathon (Finalist)**

[**FundTasy**](https://github.com/jitthing/FundTasy) | React.js, Express, MongoDB, AWS, Amazon Developer API **June 2024 - July 2024**

* Developed a community-driven gamified web application for users to track their expensive and cultivate saving habits, which helped over 20 users to save over $2500 over 2 months
* Configuredcustom goals or material goals based on items on Amazon for user flexibility.
* Implemented in game currency for every goal met, allowing users to purchase cosmetics for their avatar.
* Integrated social aspect for users to make friends and compete to see who saves more money

**SMU Business Analytics Datathon 2025**

**Untitled |** Next.js, Express, Supabase, Neo4j, NLP **January 2025**

* Developed a data visualisation tool to glean insights from a given dataset, related to insider threat. Utilised Natural Language Processing and Named Entity Relationship libraries such as SpaCy and Relik to extract entity-relationships from unstructured text.
* **Network knowledge graph:** Visualised complex entity relationship based on subject, predicate, object
* **Geomap:** Categorised relationships into geolocations to gain clustering insights
* **Timeline**: Sorted relationships based on events to see flow of events

**WORK EXPERIENCE**

**AutomationSG**

*Automation Engineer (Internship)* **May 2024 – Jul 2024**

* Streamlined on-site event management and operations during 40th Anniversary Celebration, reducing registration time by 30%.
* Worked on automating data management and validation for internal client data to improve efficiency and accuracy.
* Used Python to run automation scripts and extract, analyse data, reducing time taken for data analysis by 20%.

**Accenture**

*Compliance Analyst/ Automation Engineer* **Jan 2023 – Jul 2023**

* Conducted weekly Compliance log reviews with authorities, which included a curated presentation for the respective stakeholders to keep them up to speed with internal compliance checks.
* Co-ordinated with different teams to communicate discrepancies in data and troubleshoot potential bugs that may affect the log review process.
* Developed and deployed an automation solution to streamline compliance reviews, reducing manual effort by 60%.
* Familiarised with technology used in the industry, such as AWS, Dynatrace, Jira.

**Ministry of Health (MOH) Feb 2022 – March 2022**

*Team Leader (Volunteer***)**

* Worked as the team leader, leading a team of 30 members to answer to callers’ requests, such as conveyance to facilities or simple queries regarding Home Recovery Program (HRP) protocol.
* Doubled up as the point man for mediation with incompliant callers, resolving issues and requests

**EXTRA-CURRICULAR ACTIVITIES**

**Project SSUpport 3 Jan 2024 – Oct 2024**

*Team Member*

* Worked in a team to introduce meaningful and engaging after-school enrichment programs that foster leadership and team building for secondary school children
* Provided holistic development for the students through new sports and experiences that they may not be able to have on a day-to-day basis
* Involved in the planning of some sessions, including introducing football and floorball concepts to the students

**SMU Floorball Aug 2022 - Present**

*Team Member*

• Represented SMU in the Inter-Varsity Polytechnic competition in 2024 and clinched 4th.

• Represented SMU in the Singapore University Games in 2024 and clinched 3rd.