Samyuktha Pugalanthi

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Portfolio Website | LinkedIn | Github

Education

Singapore Management University, BSc Information Systems — **Singapore**
Majoring in Business Analytics, 2nd Major in Artificial Intelligence — *Aug'22 - May'26*

- **Ellipsis**: Professional Development Director 23/24 for the student body of SMU's computing faculty
- **The Mentoring Circle**: Mentee, PR Executive for Odyssey 2023 (SMU's largest networking event)
- **SMU Verts**: ExCo Member, PR Director of SMU's official sustainability club with over 500 members

Internships

Software Engineering Intern, Neurobus – Paris, France — *May'24 - Jul'24*

- Neurobus is a deeptech startup that uses neuromorphic communications to improve spacetech.
- Created the company website using Next.js to help elevate their online presence and visibility to investors.
- Boosted lead generation by 15% through improved site navigation and call-to-action optimization.
- Worked at Station F, Europe's largest startup campus under the HEC Paris Incubator as part of the Global Innovation Immersion programme.

Technology Analyst Intern, IMDA – Singapore — *May'23 - Jul'23*

- Analyzed sustainability trends, guidelines, frameworks, and funding opportunities.
- Utilised Green Software Foundation's software engineering use cases for sustainability.
- Co-developed an ESG framework for ICT companies in Singapore for ensuring compliance and sustainability.
- Represented the organization in meetings with key industry partners like IBM and CSA, focusing on Quantum-safe communications.

Hackathons/Competitions

Top 30, Ninja Van Code Dojo 2023 Hackathon

- Built an AI model to recognise real payment screenshots and a chatbot integrated into Facebook to facilitate automatic order placements from Facebook Live selling.

1stRunner-Up, Code for Cities 2022 Hackathon

- Developed a quantum machine learning solution on the enhancement of early detection of natural disasters using QC applications such as photon entanglement and QML to detect early signs of earthquakes.

Finalist, PITCH IT! 2022 Competition

- Proposed a B2B platform for sourcing ready to sell products with full market and business analysis for a business pitch competition with esteemed venture capitalists supporting the competition.

Projects

Community Gardening Website, Full-stack Developer — *Aug'23 - Nov'23*

- Collaborated in a team of 4 to create a website focused on enabling Singaporeans to locate and contribute in community gardens easily, create and join sustainability based community workshops.
- Uses a real-time data set from data.gov.sg, Google Earth, Cronofy, AWS S3, OWASP Zap
- Uses Google Maps API to render the live locations of real community gardens in Singapore

Technologies

Languages: JavaScript, Typescript, Python, SQL, Bash
Frameworks: Flask, Next.js, Vue.js, Docker, Bootstrap, MySQL
Cloud Computing Services: Amazon EC2, Microsoft Azure
Tools: Tableau, PowerBI, Jira