

Durga D/O Chandrasekaran

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EDUCATION

- Singapore Management University, Bachelor of Science in Computer Science (Artificial Intelligence)** Aug 2023 – Apr 2027
- Relevant Coursework:** Web Application Development, Database Management, Agile and Scrum, Computer Networking, Data Structures & Algorithms, Machine Learning and Artificial Intelligence
 - Scholarship:** BP Future Female Talent Scholar for Year 2025

TECHNICAL SKILLS AND CERTIFICATIONS

- Languages:** Python, Java, SQL
Back End: AWS, Azure, MongoDB, Supabase
Tools: Linux/Ubuntu, Git, Docker, Kubernetes, Git, Figma, Excel
Front End: HTML, CSS, React, JavaScript
- Certificates:** Google Project Management, Google UX Design Specialization

WORK EXPERIENCE

- Arukah Capital (Carbon Tech Startup focusing on Biochar and Biogas)** Aug 2025 – Present
Project & Data Analyst Intern

- Supported project management for Project Oasis (biogas) by coordinating farmer onboarding, streamlining field data workflows, and liaising with external equipment vendors to ensure smooth deployment and measurement readiness.
- Enhanced CarbonCast's MRV dashboard by diagnosing and resolving API call failures, improving data updates to the central database, and strengthening the reliability of real-time carbon removal reporting.
- Designed and implemented a scalable data-collection pipeline for Project Foundation (biochar) using Google Forms, Excel automation, and GCS cloud storage, enabling field operators to input data easily while delivering clean, standardised datasets for Arukah HQ.

- Sparkonomy (AI Startup focusing on Content Creation for Influencers)** Jun 2025 – Sept 2025
Product Management Fellowship Trainee

- Led product definition and design by independently authoring and iterating the PRD for my assigned feature (case study generation), developing and refining Figma prototypes, and conducting user research with 5+ creators to optimise workflows, onboarding flows, and dashboards.
- Independently iterated on assigned features while collaborating with Google mentors and fellowship peers on weekly sprint calls to ensure each feature aligned with the overall platform vision and met creator needs.
- Ideated go-to-market strategies by proposing user onboarding plans, value proposition messaging, and early adoption incentives to facilitate adoption of the case study generation platform.

- Picknic (Early-Stage Health Tech Startup)** May 2025 – Jul 2025
Founder's Associate (Strategy, Product & Engineering)

- Engineered core MVP features using React; employed AI tools such as Loveable and Cursor to support rapid iteration and scalable product development.
- Operated as a technical generalist and founder-in-training, owning end-to-end projects from user research and prototyping to deployment and product strategy.
- Synthesised clinical research into structured datasets to support AI development; led go-to-market experiments and co-developed early growth and community strategies with Singapore Cancer Society (SCS)

CO-CURRICULAR ACTIVITIES, LEADERSHIP, AND VOLUNTEER EXPERIENCE

- SMU The Mentoring Circle Odyssey 2026 – Sponsorship Executive** Sept 2025 – Present
- Spearheaded sponsorship strategy for SMU's flagship annual professional networking night with 800+ participants, building key corporate partnerships and securing resources that enabled a premier student–alumni industry engagement platform.
- Voices@SMU – Catalyst (Organising Committee & Advocate)** Aug 2025 – Present
- Championed student wellbeing by leading anti-bullying and anti-harassment advocacy efforts, providing a safe listening space for peers, and representing Voices@SMU in a mental-health dialogue with Minister for Education Desmond Lee to strengthen student-centric wellbeing policies.
- SMU Women in Tech – Honorary General Secretary** May 2025 – Present
- Coordinated cross-functional teams and institutional partnerships, streamlining executive operations and securing university and corporate approvals to deliver high-impact tech events with partners like Google and AWS
- Krsna's Free Meals – Volunteer** Jan 2025 – Present
- Contributed to Krsna's Free Meals by preparing and distributing vegetarian meals to low-income and vulnerable groups, helping strengthen community food support networks.
- SMU Women in Tech – Public Relations Executive** Jun 2024 – Apr 2025
- Cultivated strategic sponsor relationships with partners, including Accenture and UBS, and led sponsorship for SUMMIT, our annual networking night, delivering the faculty's largest edition with 15 companies and 250+ student participants.