

# 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, Figma, Jira, Docker  
**Front End:** HTML, CSS, React, JavaScript

## WORK EXPERIENCE

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

- Analysed business needs and stakeholder requirements for Arukah Capital's Carbon Cast DMRV platform, gathering inputs from 5 stakeholders and translating sustainability and carbon credit measurement goals into core dashboard KPIs.
- Collaborated with sustainability and engineering teams to design and develop an interactive dashboard application that monitors, measures, and reports biochar carbon removal data, visualizing 10,000+ tonnes of CO<sub>2</sub> equivalent stored and ensuring compliance with international carbon credit standards (e.g., puro.Earth, Gold Standard).

**Sparkonomy (AI Startup focusing on Content Creation for Influencers)** Jun 2025 – Oct 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 AND LEADERSHIP

**Honorary General Secretary – SMU Women in Tech** May 2025 – Present

- Led administrative coordination, internal documentation, and effective communication between executive committees.

• Acted as primary liaison with the university and companies like Exabytes and AWS, facilitating the approval and execution of our events.

**Mentee – NTUC X Mentoring SG Sustainability Mentorship** May 2025 – Aug 2025

• Gained hands-on experience in sustainability and circular economy through mentorship and a team-based case competition, developing solutions for food security and climate-resilient agriculture in Singapore.

**Mentee - Girls2Pioneers STEMentorship by United Women Singapore** Jan 2025 – Oct 2025

• Engaged in skills-building and career development, with a mentor from Google, deepening my understanding of innovation, entrepreneurship, and scalable tech solutions.

**Participant – Product Management Experience** Jan 2025 – Mar 2025

• Developed core product management skills like structured thinking, user-centric design, and data-driven decision-making

• Collaborated with Coffee Meets Bagel to analyse and enhance app features, while receiving mentorship from UX researchers and product managers from Meta and Shopee, gaining practical insights into product strategy, user research, and execution.

**Public Relations Executive – SMU Women in Tech** May 2024 – Apr 2025

- Spearheaded stakeholder and corporate partner engagements to secure sponsorships, cultivating strong relationships and driving collaboration for networking events, workshops, and hackathons with companies like Accenture and UBS.

• Led communication efforts with external parties, ensuring seamless coordination and playing a pivotal role in executing successful events, thereby enhancing organisational visibility.