

Prapthi Agarwala

[Phone](#) | [Email](#) | [LinkedIn](#) | [Github](#)

WORK EXPERIENCE

- Schmidt Futures**, New York, New York, United States Sept 2023 – Present
Product Manager – Rotations in AI Safety, Climate Tech and Social Impact
- Enterprise Technology Team** – *AI Product Manager* – (4th. rotation) Nov 2025 – Present
- Leading **0-1 product development lifecycle** for first-of-its-kind grants management system as a founding PM, directly reporting to the CTO; defining product vision, requirements and roadmap from ground up
 - Designed **MCP-forward agentic tool** connecting LLM to grants data; built a domain specific skills layer encoding workflows, and enabling NLP querying across multiple platforms through a custom UI
 - Managing **cross-functional global development** team across Asia and North America; balancing stakeholder needs with technical constraints to maintain development velocity while building user trust
- Office of Eric Schmidt** – *AI Product Manager* – *AI Safety and Strategy* (3rd. rotation) May 2025– Nov 2025
- **Authored white paper mapping the complete AI safety lifecycle** from pre-deployment to post-deployment across model and application layers; conducted gap analysis identifying underinvested intervention areas that informed \$5M+ strategic investment allocation
 - **Conducted 20+ founder interviews across AI safety organizations** to assess technical maturity, research direction, and policy integration; distilled insights into an investment framework focused on alignment, verifiability and resilience
 - Vetted and evaluated AI companies in life sciences space, with particular focus on genomics applications; assessed technical maturity, commercial viability and scientific rigor to inform \$5M+ investment allocation
- UC Berkeley - Data Science and Environment Center** – *Product Manager / AI Researcher* (2nd rotation) Aug 2024 – Apr 2025
- **Developed and fine-tuned ML model** leveraging LiDAR data to estimate snowpack depth, improving prediction accuracy by 10% over existing methods and enabling water resource planning for California residents
 - **Defined product vision for [centralized data platform](#)** through synthesis of needs from 25+ reservoir managers; created interactive Figma prototypes, balancing immediate utility with scalability for 8 HiMAT regions
- Nava Labs** – *AI Product Manager* (1st rotation) Nov 2023 – July 2024
- **Architected and launched [end-to-end RAG tools](#)** for benefits access, reducing administrative burden by 10.5 hours weekly per social worker (~\$500K annual value per agency); designed for scalability across 10+ state agencies
 - **Led discovery with 25+ social workers** to identify highest-impact use cases while establishing ethical guardrails for AI deployment with vulnerable populations; balanced automation with human oversight requirements
 - **Authored research framework assessing AI suitability in vulnerable environments**, translating findings into product requirements for responsible AI deployment; framework informed design decisions for 3 subsequent features
- Tesla**, Fremont, California, United States Summer 2022
Product Manager, Engineering Automation Team
- **Led the complete product lifecycle** of the largest application release in team history (*Should Cost Platform* - a first principles costing tool); projected to increase cost savings to \$1M in the first year

EDUCATION

Western University (H.BSc), Ivey Business School (H.BA), London, ON, Canada
Honours Bachelor of Science (Computer Science) and Honours Business Administration (GPA 3.8/4.0)

PROJECT EXPERIENCE

- Renaissance Philanthropy**, *AI Climate Decision Support Tool* June 2025- Present
- Built and deployed a [climate decision support tool](#) using Claude Code, Replit, base44, and n8n; retrieved and synthesized scientific literature into catastrophic scenario plans for UK policy experts
- Global Climate Challenge**, *Founder* Apr 2023- Dec 2023
- Founded climate tech challenge connecting 50+ technologists with ocean scientists to solve ocean data standardization; secured \$35,000 in funding from Eric Schmidt through strategic stakeholder management
- Women in Technology Society**, *Chairperson of SheHacks* 2018-2023
- Scaled Canada's largest all-female and non-binary hackathon to 300+ attendees (300% growth); raised \$32,000

LEADERSHIP EXPERIENCE

- The LEADER Project**, *Alumni Board Member, Impact Lead* 2021- Present
- Trained entrepreneurs in Nepal to envision and launch new ventures through teaching a business foundations course

SKILLS & INTERESTS.

Skills: AI Product Strategy, Technical Roadmapping, Wireframing, PRD, Figma (*Intermediate*), JIRA, User Research, UX/UI
AI: LLM Evaluation, Responsible AI, Stakeholder Alignment. Technical Trade-offs, Claude Code, Replit, n8n, Fellow, base44
Machine Learning and Data Science: NumPy (*Intermediate*), SciPy (*Intermediate*), Pandas (*Intermediate*), SQL, Tableau
Languages: Python (*Advanced*), Java (*Advanced*), VBA (*Advanced*), C (*Intermediate*), R (*Intermediate*)
Web: HTML/CSS (*Advanced*), Flask (*Intermediate*), MongoDB (*Beginner*), ReactJS (*Beginner*), Bootstrap (*Beginner*)
Interests: Dog-Sitting, Formula 1, Tennis, Food-Blogging (@[foodieprapthi](#)), Sustainable Cities, Philanthropy