

Abhishek Nagaraja

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Technical Product Manager leveraging deep engineering expertise to drive **Product Strategy** and **Customer Satisfaction**. Adept at combining **Technical Market Research** with **Human Empathy** to build user-centric solutions. Expert in bridging the gap between engineering execution and business goals, ensuring product alignment with user needs and market demands.

Education

University of Texas at Arlington	Arlington, Texas, USA
<i>Master of Science in Computer Science</i>	August 2023 - May 2024
Master of Science in Engineering Management	May 2024 - Current
Jawaharlal Nehru Technological University	Hyderabad, India
<i>Bachelor of Technology in Computer Science and Engineering</i>	August 2019 - July 2023

Projects

Thara: Multi-Agent AI Ecosystem

- Architected a scalable **Multi-Agent AI infrastructure** enabling 11 specialized autonomous agents to orchestrate complex workflows by engineering a LangGraph-based state machine synchronized with a FastAPI backend and PostgreSQL.
- Revolutionized the personal productivity experience by automating the holistic tracking of tasks, habits, and 'Ikigai' alignment by developing the 'Thara' ecosystem that combines proactive AI coaching with real-time **behavioral pattern recognition**.

Google Maps: Product Strategy

- Translated qualitative data from 42 user interviews into two core problem statements, revealing a critical user need for guaranteed menu accuracy and granular dietary filters to reduce platform drop-off.
- Architected a **product strategy** to directly address validated user needs, proposing a roadmap for a centralized menu system with granular filtering to capture the high-value market segment with critical dietary requirements.

Clash of Clans: Growth Strategy

- Proposed a **viral growth strategy** driving 5-10% new organic user acquisition by creating a native social sharing feature for key in-game content, a recommendation validated by quantitative user research.
- Projected a 15-20% increase in join rates and 20-30% increase in feature adoption by designing a revamped Clan Discovery engine and transforming the 'Social' tab into a dynamic feed.

Split-Wiser: AI Expense Tool

- Reduced manual expense splitting time by 76% (4.75 hours/month) and validated product stability by monitoring and validating the application in a pre-production environment, and by probing, isolating, and troubleshooting reported issues.
- Enabled fair and precise expense splitting by applying **context engineering** to design a conversational AI agent, building a CustomGPT that accurately parses unstructured data (PDFs, receipts) and guides users through a 12-step verification workflow.

Work Experience

Program Manager Intern, MavMarket, Arlington, Texas, USA

October 2023 - October 2025

- Founded and managed the end-to-end **product lifecycle** for 'MavMarket', scaling the event to 200+ vendors and 5,000+ attendees while generating \$120,000 in revenue, by executing a comprehensive **vendor acquisition strategy** and operational roadmap.
- Improved stakeholder NPS by 35% and engagement by 25% by designing and executing a feedback system for 100+ vendors and 200+ attendees, utilizing **empathy-driven user research** to identify and resolve key operational friction points.
- Reduced event planning time by 40% by architecting a 50+ page, **AI-powered Standard Operating Procedure (SOP)** in Gemini that improved organizational efficiency and delivered a consistent user experience for MavMarket.
- Grew the university's Entrepreneurship Club from 100+ active members by founding the organization, leading a 10-member executive board, and facilitating over 20 workshops to foster a thriving student innovation ecosystem.
- Enhanced community engagement for the local '1 Million Cups' chapter by successfully attracting and onboarding 24 local founders through targeted **go-to-market strategies** and high-value networking events.

Business Analyst Intern, NFC Solutions Private Limited, Hyderabad, India

April 2022 - January 2023

- Authored **Product Requirement Documents (PRDs)** and managed task delegation as Project Manager for 4 key projects, serving as the primary bridge between business stakeholders and technical teams to ensure on-time delivery between Design, Dev, and QA teams.
- Improved development efficiency by 20% by serving as Scrum Master, applying Lean principles within an Agile framework to streamline workflows and daily scrums, reducing blockers and accelerating sprint velocity.

- Owned the end-to-end **order lifecycle** for an e-commerce platform to improve customer satisfaction and operational efficiency, overseeing inventory management, dynamic pricing logic components, and post-sale support workflows.
- **Founder and Community Lead, e-DAM Community, Hyderabad, India** March 2021 - January 2025
- Spearheaded community growth to 5,000+ members by performing **Market Analysis** and building a strategic network of industry partners, orchestrating 200+ technical workshops to foster a thriving developer ecosystem in Hyderabad.
- Iterated on technical curriculum content based on high-value **attendee satisfaction metrics**, collecting feedback and using narrative data to continuously improve learning outcomes and drive engagement for the #100DaysOfTech program.

Skills

- **Product Management:** Product Strategy, Roadmap Development, Market Research, User Empathy, Customer Satisfaction, A/B Testing, Feature Prioritization, PRDs, Go-to-Market (GTM), Stakeholder Management, KPI Analysis, User Stories.
- **Technical Skills:** SDLC, API Design (REST), Cloud Architecture (AWS), System Design, Data Modeling, Python, SQL, Tableau.
- **Agile & Methodologies:** Scrum, Kanban, SAFe, Linear, Jira, Confluence, User Story Mapping, Sprint Planning, Retrospectives.
- **AI & Analytics:** LLMs (GPT-4o, Claude, Gemini), RAG Architectures, LangChain/LangGraph, Prompt Engineering, Power BI, Amplitude.
- **Prototyping & Vibe Coding:** Antigravity, Cursor, Windsurf, Replit, v0, Bolt.new, Rapid Prototyping.

Certifications

- Certified Scrum Product Owner (CSPO)
- AWS Certified Cloud Practitioner (In Progress)
- Google: Agile Project Management
- Lean Six Sigma Green Belt (LSSGB)
- Google: Data Analytics Specialization
- McKinsey.org Forward Program
- Google: Foundation of Project Management