

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](#)

Master of Science in Computer Science

Arlington, Texas, USA

August 2023 - May 2024

Master of Science in Engineering Management

May 2024 - Current

[Jawaharlal Nehru Technological University](#)

Bachelor of Technology in Computer Science and Engineering

Hyderabad, India

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