Abhishek Nagaraja, (CSPO)

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Certified **Product Owner (CSPO)** with a track record of driving **Agile Product Delivery** and **Backlog Management**. Expert in translating business needs into actionable **User Stories** and technical requirements. Skilled in facilitating Scrum ceremonies and leveraging **Agentic Workflows** and **Generative AI** to accelerate product velocity and automate discovery at scale.

Education

University of Texas at Arlington — Arlington, Texas, USA
Master of Science in Computer Science — *Aug 2023 - May 2024*

· **Master of Science in Engineering Management** — May 2024 - Current

Jawaharlal Nehru Technological University — Hyderabad, India
Bachelor of Technology in Computer Science and Engineering — *Aug 2019 - July 2023*

Work Experience

Program Manager Intern, University of Texas at Arlington - Texas, USA — October 2023 - October 2025

- **Orchestrated the end-to-end product lifecycle** for 'MavMarket', scaling the two-sided campus marketplace to **5,000+ users and 200+ active vendors** by executing a comprehensive Go-to-Market (GTM) strategy and vendor acquisition roadmap.
- **Led a cross-functional agile team** of 7 (Engineers, Designers, Marketing) using **Jira** for sprint planning and backlog refinement, maintaining high velocity through rigorous acceptance criteria definition and impediment removal.
- **Architected a data-driven feedback loop** effectively improving stakeholder satisfaction by **35% (NPS)**, by visualizing actionable insights through **Power BI dashboards** and iterating on product features based on user sentiment.
- **Engineered automated departmental workflows** achieving a **40% reduction in operational overhead**, by deploying **Gemini-powered SOPs** and custom validation scripts to streamline manual administrative processes.
- **Spearheaded strategic business development** securing **$4,000 in recurring sponsorship** and onboarding 24 local founders, by establishing value-driven corporate partnerships that ensured the ecosystem's financial sustainability.
- **Aligned the product roadmap** with university strategic goals by collaborating with campus leadership, ensuring long-term program viability and securing executive buy-in for key feature expansions.

Business Analyst Intern, NFC Solutions Private Limited - Hyderabad, India — April 2022 - January 2023

- **Stabilized critical system architecture** for 4 high-priority projects by authoring comprehensive **Business Requirement Documents (BRDs)** and **API specifications**, serving as the primary bridge between business stakeholders and technical teams.
- **Boosted development velocity by 20%** as measured by sprint metrics, by serving as **Junior Scrum Master**, applying Lean-Agile principles to remove blockers, and facilitating efficient daily stand-ups.
- **Optimized order lifecycle integrity** for an e-commerce platform by overseeing complex **API integrations** and pricing logic, ensuring data consistency and reducing transaction errors during peak load.
- **Orchestrated rigorous UAT sessions** and coordinated sign-offs between technical teams and business stakeholders, ensuring **zero production defects** by strictly enforcing the Definition of Done (DoD).
- **Streamlined CRM workflows** by mapping 'As-Is' and 'To-Be' business processes to identify automation opportunities, resulting in reduced manual data entry and improved operational efficiency.

Founder and Community Lead, e-DAM Community - Hyderabad, India — March 2021 - January 2025

- **Engineered a community-led growth engine** scaling the ecosystem to **5,000+ members**, by implementing targeted outreach campaigns and value-driven engagement strategies that positioned the community as a premier technical hub.
- **Directed the full event lifecycle** for 200+ technical workshops, managing content strategy to post-event analysis, ensuring high attendee retention and consistent delivery of high-quality educational material.
- **Validated product-market fit** for a **custom ERP solution** across 20+ institutions, by leading user research workstreams and synthesizing feedback into actionable technical requirements for system integration.
- **Delivered the 'Social Media Summit 2023'** architecting 8 parallel content tracks for **500+ attendees**, securing **Rs. 4,00,000+ in sponsorship** through strategic vendor negotiations and high-value partnership proposals.
- **Built a robust talent pipeline** connecting **50+ students with internships**, by initiating strategic corporate partnerships and defining technical project scopes that aligned student skills with industry needs.

Projects

Thara: Multi-Agent AI Ecosystem

- **Architected streamlined development workflows** as measured by **actionable User Stories for 11 components**, by defining and prioritizing the Product Backlog to ensure clear developer understanding of complex AI agent interactions.

- **Operated as Technical Product Owner** during sprint execution ensuring **99.9% system stability**, by managing automated validation scripts for Cloud and Backend workstreams and prioritizing technical debt reduction.

  Google Maps: Product Teardown
- **Prioritized high-impact features** verified by **42 user interviews**, by translating qualitative feedback into prioritized Epics focused on "Menu Accuracy" and aligning the roadmap with critical user pain points.

- **Secured executive stakeholder buy-in** achieving **roadmap approval**, by developing a robust business case for a centralized menu management system and calculating projected ROI.

  Clash of Clans: Product Teardown
- **Spurred targeted user growth** achieving a **5-10% acquisition increase**, by prioritizing features based on quantitative impact analysis of social sharing workflows and optimizing the viral loop mechanics.

Skills and Tools

- **Product Management (Methodologies):** Roadmap Development, **Backlog Refinement (DoR)**, User Story Mapping, Feature Prioritization (**RICE/MoSCoW**), GTM Strategy, **A/B Testing**, Market Research, **Product Discovery**.

- **Agile & Leadership (Strategy):** Scrum Facilitation, Kanban, **Lean Methodologies**, Stakeholder Management, Servant Leadership, Team Building, **Conflict Resolution**.

- **Cloud & DevOps (Tools/Concepts): AWS (S3, EC2, Lambda)**, Docker, Terraform (IaC), Kubernetes, **CI/CD Pipelines**, API Integration, SQL, Python.

- **Project Tools: Jira**, **Linear**, Confluence, Asana, Miro, Notion, Figma — **BI/Analytics**: **Power BI**, Tableau, Google Analytics, Excel.

- **AI & Automation (Enhancement): AI Product Strategy**, **Gemini**, **GPT-4o**, **n8n Workflows**, Prompt Engineering, **Multi-Agent Systems**, **Automated Discovery Analysis**.

Certification

- Certified Scrum Product Owner (CSPO)

- Lean Six Sigma Green Belt

- Google: Foundation of Project Management

- McKinsey.org Forward Program