

Rituja Satkar

Product Manager | AI/ML Product Experience | Agile Delivery | Product Design

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PROFESSIONAL SUMMARY

Product-minded engineer with hands-on experience shaping a 0→1 AI product directly alongside a founder — driving feature conceptualization, user journeys, and requirement definition for an early-stage app. Background in software engineering and Agile delivery across healthcare and IoT platforms, working cross-functionally with design, QA, and engineering to ship features on schedule. Strong technical fluency in AI/ML and GenAI systems gives an edge in scoping and communicating AI-driven product requirements to engineering teams. Comfortable owning ambiguity, translating user needs into structured specs, and driving delivery end to end.

CORE SKILLS

Product Management: 0→1 product development, feature conceptualization, user journey mapping, requirement gathering, user stories, product-market discovery, roadmap input, stakeholder communication.

Cross-Functional Delivery: Agile/Scrum, sprint planning, cross-team collaboration (design, QA, engineering), delivery ownership, remote/global client communication.

Technical Fluency: AI/ML & GenAI systems, LLMs, RAG pipelines, APIs, data pipelines — enables direct, credible collaboration with engineering on technical product decisions.

Tools: Figma, Claude Design, Notion, Wireframing

PROFESSIONAL EXPERIENCE

Product Design Intern - Untangle (Stealth Product) | March 2026 - Present

- AI-powered Guided support platform to navigate struggling partnerships.
- Worked closely with the founder on the early product design and user experience of an AI powered supportive companion app for people navigating separation or divorce.
- Contributed to UX ideation, feature conceptualisation, user journeys, wire-framing discussions, and documenting user stories around the Emotional/Wellness journey.

Software Engineer - Velsera | June 2023 - Jan 2024

- Partnered with design, QA, and clinical stakeholders to gather requirements and translate healthcare reporting needs into shippable clinical report templates, improving data visualization and usability for end users.
- Coordinated API integration (Postman, Swagger) across teams to ensure accurate, reliable data pipelines supporting downstream reporting features.
- Collaborated cross-functionally in Agile sprints, contributing to sprint planning and feature delivery alongside design and product teams.

Research and Development Intern - PTC Software India | June 2022 - June 2023

- Developed applications on the ThingWorx IoT platform, creating and managing digital assets while contributing to Java (Java 8) backend modules and Angular UI dashboards & optimized Postgres queries via DBeaver, improving performance of data-driven applications.
- Assisted with Jenkins and Docker deployments in CI/CD pipelines and delivered features within Agile sprints, supporting iterative development.

FEATURED AI PROJECTS

The Intelligence Times — Agentic RAG Competitive Intelligence | Python, Pinecone, Groq, Hybrid Retrieval, Multi-Agent LLM

- Built and deployed a multi-agent RAG system where 4 specialist LLM agents self-generate queries, retrieve via hybrid search (Pinecone semantic + BM25 + Reciprocal Rank Fusion), re-rank with an LLM-as-judge, and produce cited competitive-intelligence briefs in ~25s — measured at 79% citation coverage and 80% number fidelity on real runs
- Ran entirely on free tiers (\$0/month, zero local ML dependencies) using Pinecone-hosted embeddings; shipped a live public web app with in-app ingestion from NewsAPI/GitHub/arXiv

EDUCATION AND CERTIFICATIONS

Education: B. Tech in Computer Science and Engineering - MIT ADT University

ADDITIONAL STRENGTHS

- Responsible AI mindset: hallucination mitigation, access control, safety disclaimers, human review, measurable evaluation, and production reliability.
- Comfortable with global client communication, requirement clarification, solution design, remote collaboration, and delivery ownership.