VISHESH PRAJAPATI

AI Product Manager | Enterprise GenAI Platform | RAG & Agentic AI Systems

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PROFESSIONAL SUMMARY

AI Product Manager with 4+ years of experience leading enterprise GenAI platforms, RAG architectures, and agentic AI workflows across retail and consulting. Delivered 40% hallucination reduction via RAG pipelines, 28% DAU uplift through A/B experimentation, and 22% operational efficiency gains with OKR-aligned roadmaps. Skilled in end-to-end PRD ownership, responsible AI governance, and cross-functional enterprise delivery. Microsoft Certified AI Product Manager (Feb 2026).

CORE COMPETENCIES

- **AI & GenAI:** Generative AI, LLMs (GPT-4o, Claude 3.5, Gemini), RAG architecture, AI agents, prompt engineering, conversational AI, semantic search, LangChain, vector databases (Pinecone, Weaviate, ChromaDB), Azure OpenAI, AWS SageMaker/Bedrock
- **Product Management:** Product strategy, roadmap ownership, PRD writing, Agile/Scrum, backlog prioritization, sprint planning, OKRs/KPI definition, product discovery, go-to-market, release management, feature prioritization frameworks
- **Analytics:** A/B testing, experimentation frameworks, statistical significance, SQL, Python, cohort analysis, funnel analysis, Mixpanel, Amplitude, Google Analytics, Tableau, Power BI
- **Platforms & Tools:** Azure OpenAI, AWS SageMaker & Bedrock, Google Vertex AI, LangChain, LangSmith, REST APIs, Postman, Swagger, Jira, Confluence, Figma, Miro, Aha!
- **Responsible AI:** AI governance, bias detection, explainability (SHAP, LIME), human-in-the-loop, model monitoring, safety guardrails, prompt versioning, LLM eval frameworks (RAGAS), enterprise compliance
- **Leadership:** Cross-functional leadership, executive communication, stakeholder management, enterprise discovery workshops, risk management, vendor collaboration, requirements gathering

PROFESSIONAL EXPERIENCE

The Home Depot | Chicago, IL   Aug 2024 – Present
AI Product Manager

- Drive enterprise GenAI platform strategy and OKR-aligned roadmap for an associate-facing AI platform, improving operational task efficiency by 22% across engineering, data science, and UX teams.
- Architect RAG pipelines integrating Azure OpenAI, Pinecone vector databases, and enterprise knowledge bases — reducing LLM hallucinations by 40% and improving document retrieval relevance by 30% (precision@k).
- Design and ship agentic AI conversational experiences using LangChain orchestration, chain-of-thought prompting, and few-shot frameworks cutting average task completion time by 25%.
- Establish AI governance framework with prompt versioning, RAGAS-based LLM evals (answer faithfulness, context precision, retrieval recall), SHAP/LIME explainability, bias detection, safety guardrails, and human-in-the-loop validation gates.
- Run A/B experimentation framework at 95% statistical confidence with MDE sizing — increasing assistant resolution accuracy by 18% and driving 28% DAU uplift via Mixpanel funnel analysis.
- Own end-to-end PRDs and Agile delivery across 10+ sprint cycles, achieving 20% faster release velocity with zero critical post-production defects; manage 200+ item Jira backlog.
- Integrate GenAI platform into SaaS web and mobile apps via REST APIs; align VP of Technology and CISO on enterprise AI governance rollout strategy.
- Build semantic search pipelines with vector embeddings and HNSW indexing, enabling sub-100 ms retrieval across enterprise knowledge base queries.

Accenture | India   Sept 2020 – Aug 2023
Product Manager

- Owned enterprise SaaS product roadmap and platform-first delivery strategy, improving operational efficiency by 22% and achieving 95% on-time delivery across 6 releases.
- Managed 300+ item Agile backlog in Jira; authored PRDs, epics, user stories, and Confluence documentation — reducing requirements clarification cycles by 30%.
- Led enterprise discovery workshops and process mapping, eliminating 15+ manual workflow steps and cutting fulfillment cycle time by 28% (Lean value stream validation).
- Leveraged SQL and Python-based analytics for data-driven feature prioritization, increasing platform adoption by 18% within six months of launch.
- Built executive KPI dashboards in Tableau and Power BI; collaborated in Figma with UX teams to improve user task completion speed by 25%.
- Defined REST API integration requirements and reviewed Swagger/OpenAPI specs with engineering — reducing integration defects by 20% across 4 regional rollouts.

CERTIFICATIONS

Microsoft AI Product Manager Professional Certificate (Coursera) — **Feb 2026**
Enterprise product strategy, Azure AI & Copilot, secure AI lifecycle, go-to-market and post-launch analytics, responsible AI and compliance.

TECHNICAL STACK

- **AI Platforms:** Azure OpenAI, AWS SageMaker & Bedrock, Google Vertex AI, LangChain, LangSmith
- **Vector Databases:** Pinecone, Weaviate, ChromaDB
- **LLMs:** GPT-4o, Claude 3.5, Gemini 1.5
- **Analytics:** SQL, Python, Mixpanel, Amplitude, Tableau, Power BI
- **Product & Dev Tools:** Jira, Confluence, Figma, Miro, REST APIs, Postman, Swagger, Aha!
- **Responsible AI:** SHAP, LIME, RAGAS, human-in-the-loop, prompt versioning, safety guardrails

EDUCATION

M.S. in Data Science — DePaul University, Chicago, IL | Relevant: Machine Learning, NLP, Deep Learning, Data Mining
B.Sc in Information Technology — Ganpat University, India