

Visheshkumar Prajapati

AI PRODUCT MANAGER

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SUMMARY

AI Product Manager specializing in generative AI and agentic systems—shipped LLM-powered platform at The Home Depot reducing decision latency by 25% and driving \$3M+ incremental revenue through 40% conversion lift. 4+ years leading end-to-end AI/ML product development from vision to scale, with expertise in RAG architectures, recommendation systems, experimentation frameworks, and cross-functional team leadership delivering measurable business outcomes.

SKILLS

AI & Product Strategy:	Generative AI, LLMs (GPT-4, Claude, Gemini), Agentic AI, RAG, Multi-Agent Orchestration, Prompt Engineering, NLP, Recommendation Systems, Computer Vision, Product Roadmaps, OKRs, Go-to-Market Strategy, Competitive Analysis
Product Management:	Agile/Scrum, Sprint Planning, Backlog Prioritization, User Stories, PRDs, Technical Specifications, MVP Definition, Stakeholder Management, User Research, Jobs-to-be-Done, Customer Discovery
Technical & Analytics:	Python, SQL, REST APIs, Feature Engineering, A/B Testing, Experiment Design, Statistical Analysis, KPI Definition, Funnel Analysis, Cohort Analysis, Tableau, Power BI, AWS, GCP
AI Platforms & MLOps:	OpenAI, Anthropic, Google Vertex AI, Azure OpenAI, AWS SageMaker, LangChain, Vector Databases, Model Deployment, Drift Detection, Model Registry, CI/CD for ML
Responsible AI:	Bias Detection, Fairness Metrics, Explainability (SHAP, LIME), Data Privacy (GDPR, HIPAA), AI Governance, Human-in-the-Loop, Safety Guardrails, Audit Trails

PROFESSIONAL EXPERIENCE

AI Product Manager | The Home Depot, Chicago, USA

Aug 2024 – Present

- Drove \$3M+ incremental revenue by defining product strategy and shipping personalized search and recommendation engine using collaborative filtering and embeddings—improved conversion from 28% to 39% in 6 months across 50M+ annual customers.
- Owned roadmap and delivery of agentic AI platform with multi-turn conversational interface leveraging autonomous reasoning agents (GPT-4, Claude, Gemini) and RAG architecture—reduced merchandising decision time by 25% for 2,000+ store operations.
- Led cross-functional team of 12 (engineering, data science, UX) to deliver MVP in 4 months—defined product vision, authored 30+ PRDs and user stories, aligned stakeholders on OKRs, and managed sprint execution through Agile ceremonies.
- Defined experimentation strategy and A/B testing framework with statistical rigor (power analysis, 95% confidence intervals)—validated \$500K annual inventory optimization through ML-driven promotional pricing across 20+ quarterly tests.
- Established AI governance framework including bias detection, explainability dashboards (SHAP), and human-in-the-loop validation—achieved 98% responsible AI compliance and reduced model rollback incidents 60%.
- Designed reusable AI platform components (prompt templates, evaluation frameworks, deployment pipelines) on AWS SageMaker and Vertex AI—accelerated feature development 30% across 5 product teams through shared infrastructure.
- Enabled executive decision-making through Power BI dashboards tracking 15+ product KPIs, ML performance metrics (precision, recall, drift), and ROI attribution—used by C-suite for strategic planning.
- Conducted user research with 200+ store managers and merchandisers to drive product-market fit—translated insights into prioritized roadmap delivering 40% improvement in task completion time.

Product Manager | Accenture, India

Sept 2020 – Aug 2023

- Launched Financial Portfolio Insights Dashboard with embedded ML models to 50,000+ users—improved client retention 15% through automated ESG scoring, personalized risk analytics, and predictive optimization.
- Owned product roadmap balancing regulatory requirements (GDPR, MiFID II), technical feasibility, and user needs—reduced release delays 10% through proactive cross-functional risk management across data quality, compliance, and integrations.
- Drove feature prioritization through quantitative and qualitative research from 1,000+ customers using SurveyMonkey, Qualtrics, and usage analytics—defined backlog for risk scoring, asset allocation, and portfolio rebalancing tools.
- Led post-launch monitoring and rapid incident response—accelerated resolution 35%, incorporated learnings into roadmap iterations, reduced P1 incidents 40%.
- Designed Tableau dashboards visualizing portfolio performance, benchmark comparisons, and ESG metrics—replaced manual Excel analysis and enabled real-time decision-making for wealth advisors.

EDUCATION

Master of Science in Data Science – DePaul University, Chicago, USA

Bachelor of Technology in Information Technology – Ganpat University, Gujarat, India