Darsh Dave

AI Product Manager
+91-7676121429 | darsh.dave1999@gmail.com | Bengaluru, India
darshdave.com | github.com/darshdevlab | linkedin.com/in/darsh-dave

Summary

AI Product Manager from Data Engineer background, building AI/DataOps products that reduced data gathering by **70%**, report generation by **50%**, and dependency by **80%**. Uses data engineering as the backbone to design reliable AI products, workflows, and metrics. Strong at connecting data pipelines, AI models, and business users so products are reliable, measurable, and adopted. Combines data systems, AI research, publications, and OnlyScholar founder execution with **90%+ selection** and **250% growth**.

Work Experience

Refyne India, Bengaluru, India

SDE-II (Data Engineer) - Acting Product Owner, DataOps Platform — Sept 2023 to Present

- I identified that FinOps, Risk, Growth, and Finance teams depended on manual data gathering and report creation, so I built **Chitragupt**, a centralized internal product that **reduced data gathering time by 70%, report generation time by 50%, and reached 100% adoption**.
- I identified that Sales, Marketing, Finance, and FinOps teams needed daily insights without writing database queries, so I built **Maya**, an agentic AI product with company database context that **reduced inter-team dependency by 80% and reached 70% floor adoption**.
- I identified that teams used separate internal portals, process owners, and access flows, so I built a **DataOps product** with centralized access, RBAC, and ABAC that **reduced manual data sharing by 80% and reached 100% adoption**.

Parul University, Vadodara, India

Lecturer — Dec 2021 to Nov 2022

- I identified low practical engagement in computer science classes, so I redesigned lessons with **project-based learning and programming labs** that **improved hands-on learning for 100+ students**.
- I identified repeated blockers in student capstone projects, so I guided **debugging, implementation reviews, and delivery planning** that **reduced project blockers by 50%**.

Business Experience

OnlyScholar

Founder — July 2025 to Present

- I identified that students and researchers struggled to turn AI ideas into selected research papers, so I built **OnlyScholar** for topic selection, implementation, writing, submission, and revision support that **reached a 90%+ selection rate**.
- I scaled **OnlyScholar** from 2 to 5-6 projects per month with **250% project growth, 15+ active projects, a 3-member team, and around 80% profit margin**, while projecting the model into one-year post-project publication support.

Top Skills

- **AI & Data** - Generative AI, LLMs, Agentic AI, RAG, Prompt Engineering, AI Evaluation, Machine Learning, Deep Learning, NLP, Computer Vision, SQL, Python, Data Analytics, A/B Testing, Dashboards
- **Product** - Product Strategy, Product Roadmap, PRD, User Research, Customer Discovery, Stakeholder Management, Prioritization, Agile/Scrum, KPIs, Go-to-Market, Product Analytics
- **Prototyping** - Rapid Prototyping, MVPs, Wireframes, User Flows, Figma, Lovable, v0, Cursor, Supabase, Vercel, API Integration, No-Code/Low-Code Tools, Workflow Automation

Education

- PhD in Artificial Intelligence, IIIT Allahabad — In Progress
- M.Tech in Computer Engineering, Parul University — 2023
- B.Tech in Computer Science and Engineering, Parul University — 2021

Research Publications

- **DATS: Driver Assistance Text Spotter** - **AIP Conference Proceedings, 2024**: I found blurry, noisy, and sheared road text was hard to spot, so I researched DATS with DenseNet-121 and NTDnet, improving scene text spotting precision by **5.1%**.
- **LightHARS: A Light Human Activity Recognition System** - **Springer Nature Singapore, 2023**: I found video-based activity recognition can expose user identity, so I researched LightHARs using sensor data and achieved **4.5% higher accuracy** with fewer parameters.
- **Insect Recognition: A Visionary Step Towards Smart Agriculture** - **AIP Conference Proceedings, 2023**: I found insect attacks reduce crop output, so I researched a computer-vision insect recognition model that achieved **81% performance** with **1,640,423 parameters**.
- **Automated Gas Leakage Security System** - **Journal of Emerging Technologies and Innovative Research, 2020**: I found manual gas-leak response was slow, so I researched an IoT microcontroller alert system with alarm, email, SMS, and call alerts for faster emergency response.

AI Portfolio Projects

- **DataTalk**: I found business users needed data answers without SQL, so I built a natural-language query product with safe SQL, schema context, and explainable results.
- **RAGLab**: I found RAG teams lacked clear evaluation, so I built a prototype comparing BM25, vector, hybrid, memory, and graph RAG with evidence, latency, and coverage metrics.
- **AdPilot**: I found campaign ideas were judged too late, so I built a multi-agent campaign simulator with persona agents and reporting before launch.
- **DeployPilot**: I found deployment decisions lacked clear run context, so I built an AI DevOps control-plane prototype with workflow runs, logs, insights, and history.

Portfolio Case Studies

- **GitHub Copilot**: I found developers need speed and confidence together, so I designed a trust layer with intent, explanation, compare, and safe acceptance flows.
- **Supabase**: I found non-SQL builders struggle with schema, relationships, and RLS, so I designed an AI-guided backend setup and permission helper.
- **Ollama**: I found local AI users struggle to choose models, so I designed a model recommendation flow based on hardware, privacy, and performance needs.
- **Razorpay**: I found merchants lacked settlement and cash-flow clarity, so I designed a decision layer for available balance, payout timing, and expenses.