Manas Kumar Jha

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Summary

Product manager building AI into regulated financial infrastructure, identity, fraud, and compliance, at bank scale. Computer science engineer who uses SQL, Python, and hands-on AI work (prompt engineering, model evaluation) to drive product decisions, not just gather requirements. Around 3 years at Signzy across product and data roles, including building MuleShield and a unified background-verification platform from scratch.

Professional Experience

Signzy

Product Manager, Senior Analyst October 2025 – Present

- **Product Judgment:** Led MuleShield, a pre-onboarding product that flags mule accounts before they reach the bank. Chose a configurable scoring engine over a fixed model after finding banks weigh risk signals differently by journey, so each bank tunes its own weightage without a custom rebuild.
- **AI Products:** Own Signzy's LLM-based document extraction and face-liveness APIs, wrote the PRDs and extraction requirements, defined what counted as accurate enough for each document type, and partnered with engineering on prompt design and model evaluation to turn unstructured documents into structured data for enterprise clients.
- **Platform Build:** Built the unified Background Verification platform from scratch, combining white-collar and blue-collar checks into a single configurable API for enterprise clients.
- **Product Ownership:** Owned product end to end across background verification, mule and fraud detection, identity verification, EPFO, and location intelligence, writing PRDs and detection logic and coordinating Engineering, Sales, QA, and Design through launch.
- **Scale:** Grew the pod I owned from ₹33 lakhs to ₹1.22 crores in monthly revenue, while Signzy's broader API suite scaled past 350M+ calls a month. Shipped 80+ production APIs with specs, acceptance criteria, and edge cases defined upfront.

Data Analyst October 2024 – September 2025

- **Performance:** Built optimized SQL and Python solutions that cut data processing latency 30%, enabling realtime fraud flagging for high-volume merchant transactions.
- **Product Insight:** Ran deep dive investigations into user patterns; the emerging fraud trends I surfaced drove roadmap pivots and system logic changes.
- **Client Facing:** Worked directly with enterprise banking clients in requirement and review meetings, translating their needs into inputs the product and engineering teams could act on.

Data Analyst Intern February 2024 – September 2024

- **Discovery:** Built analysis ready datasets and surfaced market trends that shaped early feature hypotheses and product direction.

Data Science Intern, *Tata Steel* June 2023 – July 2023

- **Computer Vision:** Built a realtime traffic violation detection system, and an LSTM stock-forecasting model with a Tableau dashboard for operational decisions.

Projects

PM Copilot | Google Gemini, Python, Streamlit, GKE

- Identified PRD creation as a core bottleneck for product teams; built an AI powered tool using Gemini LLM that generates structured PRDs including user stories, success metrics, risk assessment, and open questions from product problem inputs.
- Owned full product lifecycle from prompt engineering to containerized deployment on GKE, demonstrating ability to evaluate and ship AI powered product ideas independently.

Code For Good | JP Morgan Chase, *National Hackathon*

- First Runners Up at JP Morgan Chase's national hackathon; Led product design for Tinker Hat Foundation, delivering a student training portal with role-based admin access, Q&A forum, progress tracking, and curriculum management.

Education

Bachelors Of Technology in Computer Science, *Manipal University Jaipur* September 2020 – July 2024

Minor: Data Analytics | CGPA: 8.62

Actively led 7 college events and participated in 15+ across technical, cultural, and management domains.

Certifications: Google Data Analytics | Microsoft AZ-900 | Google Generative AI

Skills

Product — Product Management, Product Strategy & Roadmap, PRD Writing, Feature Prioritization, KYC & Compliance, RegTech, Stakeholder Management, KPI Definition, AI Product Design

Technical Skills: — Python, SQL, Machine Learning, Data Analytics, Prompt Engineering, Elasticsearch

Tools — Jira, Figma, Tableau, Google Analytics, Excel, Lovable, Bolt, N8N

AI — AI Product Management, Computer Vision, Generative AI, LLMs, Multimodal AI, Model Evaluation, Prompt Engineering