

ARYAN PANWAR

AI Product Manager | Associate Product Manager | Business Analyst

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PROFESSIONAL SUMMARY

Associate Product Manager and AI Engineer with 9 products shipped end-to-end — spanning B2B SaaS workflow automation, compliance-first multi-agent platforms, and data-driven consumer products. Experienced in requirements gathering, PRD authoring, OKR/KPI definition, A/B testing, roadmap planning, stakeholder management, and GTM execution. Skilled in business analysis including BRD, gap analysis, UAT, and acceptance criteria definition. Familiar with product analytics (PostHog, GA4) and agile delivery via Jira. Certified by Microsoft (Enterprise PM), Google (AI Essentials), and NVIDIA (Transformer NLP). Bridges product strategy, business analysis, and technical execution — writes the spec and ships the code.

CORE COMPETENCIES

Product Management:	Product Roadmap · PRD & User Stories · OKRs & KPIs · Agile/Scrum · Sprint Planning · Jira · Backlog Management · A/B Testing · GTM · Feature Prioritization · AI Product Strategy · Release Management
Business Analysis:	Requirements Gathering · BRD · Process Mapping · Gap Analysis · UAT · Acceptance Criteria · Competitive Analysis · Market Research · Stakeholder Management · Cross-functional Collaboration
Analytics & Tools:	PostHog · GA4 · Figma · Notion · User Analytics · Funnel Analysis · Product Analytics · SEO · GEO · Data-Driven Decision Making · User Research
Technical Stack:	Python · LLM APIs (Claude, OpenAI, Gemini) · LangGraph · FastAPI · PyTorch · React · Node.js · Multi-Agent Workflows · Prompt Engineering · N8n · Workflow Automation · Salesforce (Admin) · CI/CD · GitHub Actions

WORK EXPERIENCE

Instrumentation Engineering Intern — Indian Potash Limited, Muzaffarnagar, UP

Jun 2025 – Aug 2025

- Applied data-driven analysis to calibrate RTD Pt100 sensors, pressure transmitters, and electromagnetic flowmeters using HART communicators; improved process control accuracy through structured root-cause documentation and systematic troubleshooting
- Documented sensor behaviour patterns and failure modes to support predictive maintenance decisions; gained hands-on exposure to Safety Instrumented Systems (SIS) and Emergency Shutdown (ESD) protocols in live industrial environment

EDUCATION

B.Tech — Electronics & Communication Engineering | MIET, Meerut, UP | CGPA: 7.00/10 | Published Researcher — JETIR (IF 7.95)

Jul 2022 – Jun 2026

PRODUCT & PROJECT EXPERIENCE

AI-First CRM HCP — PhRMA-Compliant B2B Pharma CRM [GitHub](#)

2026 | LangGraph · Groq · PhRMA Compliance · FastAPI · React · Multi-Agent Orchestration · B2B SaaS

- Defined product requirements and built a PhRMA-compliant B2B CRM for pharmaceutical sales reps — LangGraph-powered AI agent logs HCP interactions, surfaces physician insights, and automates follow-up workflows, replacing 3+ manual processes; directly replicable for regulated SaaS environments
- Architected multi-agent orchestration with compliance guardrails and audit trails; mapped business requirements to technical acceptance criteria ensuring regulatory adherence — pattern applicable to ERP and enterprise workflow automation systems

FitWardrobe — Privacy-First AI Stylist App (Sole Founder & AI PM) [Live Demo](#) | [Case Study](#) | [GitHub](#)

Jan 2026 – Present | Android · On-Device AI · TensorFlow Lite · FastAPI · Supabase · PostHog · GA4 · Vercel

- Authored full PRD, defined OKRs & KPIs, ran A/B tests on core styling flows — landing page achieved 4,380+ Google impressions, 110 clicks, 2.5% CTR in 3 months with zero paid spend; tracked acquisition and activation via GA4 and PostHog product analytics
- Engineered privacy-first on-device AI inference (92% accuracy, zero cloud cost); identified Day-1 onboarding drop-off via PostHog funnel analysis, A/B tested post-onboarding screen variants, and shipped winning intervention in v1.0.1 — improving first-session conversion and user activation rate

SEO & GEO Optimizer — 14-Phase Agentic Workflow Automation Tool [Case Study](#) | [npm](#) | [GitHub](#)

Feb 2026 – Present | Prompt Engineering · Node.js · N8n · Workflow Automation · GEO · Schema Markup · GitHub Actions

- Conducted market research & competitive analysis; defined requirements for a 14-phase agentic workflow automation system with human-in-the-loop validation — 1,400-line specification sourced from official Google and Bing documentation, verified against 2025 Core Web Vitals
- Published open-source npm package integrating across 6 AI dev environments (Cursor, Windsurf, GitHub Copilot, Replit, Lovable, Bolt); shipped v1.2.0 covering Core Web Vitals, Schema Markup, and AI citation optimisation (Google AI Overviews, Perplexity, Bing Copilot)

Mithivoices — Open-Source AI Voice Platform [Case Study](#) | [GitHub](#)

Dec 2025 – Present | Python · FastAPI · PyTorch · Piper TTS · Whisper STT · Hugging Face · GitHub Actions

- Defined product scope, release milestones & acceptance criteria; shipped v0.2.0 with multi-LLM support within 30 days of initial scope — 19 neural voices across 8 languages, sub-450ms real-time latency
- Managed full backlog, sprint execution via Jira sprint boards, and CI/CD pipeline via GitHub Actions; coordinated open-source contributor feedback into structured release cycles

CERTIFICATIONS

[Enterprise Product Management Fundamentals](#) — Microsoft / Coursera

Mar 2026

[Google Prompting Essentials Specialization](#) — Google / Coursera

Mar 2026

[Google AI Essentials Specialization](#) — Google / Coursera

Feb 2026

[Intro to Transformer-Based NLP](#) — NVIDIA Deep Learning Institute

Feb 2026

More projects: github.com/Aryanpanwar10005 | Portfolio: aryanpanwar.in