

ARYAN PANWAR

Gen AI Engineer | AI Product Manager | Full Stack Developer

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PROFESSIONAL SUMMARY

Final-year ECE student who has shipped 3 AI products as both a Gen AI Engineer and AI Product Manager — a privacy-first AI stylist app generating 4,380+ Google impressions in 3 months, an open-source multilingual voice platform, and a published npm AI tooling package. Proficient in LLM APIs, multi-agent workflows, Prompt Engineering, PyTorch, and full-stack AI deployment. Uniquely built to both engineer and manage production AI products.

TECHNICAL SKILLS

Languages: Python, Embedded C/C++, Node.js

AI / ML: Machine Learning, Deep Learning, NLP, Transformer-Based NLP, BERT, Text Classification, NER, Tokenization, Question Answering, Sentiment Analysis, Model Fine-tuning, MLOps, LLMOps

Gen AI: LLM APIs, Multi-Agent Workflows, Generative AI, Agentic AI, Prompt Engineering, Prompt Chaining, Meta-Prompting, Few-Shot, Zero-Shot, Chain-of-Thought, Multimodal Prompting, On-Device AI, TTS, ASR, Human-in-the-loop

Frameworks: PyTorch, TensorFlow, Hugging Face, NVIDIA NeMo, NVIDIA Triton Inference Server

AI APIs: Claude API, OpenAI API, Gemini API, Google AI Studio, ElevenLabs, HeyGen

AI Dev Tools: GitHub Copilot, Cursor, Windsurf, Replit, Lovable, Bolt AI

Frontend: React 18, TypeScript, Vite, Tailwind CSS, Zustand, TanStack Query v5, React Hook Form + Zod, shadcn/ui

Backend / Infra: FastAPI, Supabase, Firebase, REST API, CI/CD, Railway, Vercel, Git, GitHub, PostHog, N8n, Sentry

Hardware / Industrial: Arduino (ATmega328P), 8051, ARM MCU, Sensor Integration, HART, SIS, Calibration RTD/Pressure/Flow

Product / PM: Product Management, Enterprise PM, AI Product Strategy, Agile, PRD, User Stories, Stakeholder Management, Market Research, Competitive Analysis, A/B Testing, KPIs, GTM, SEO, GEO, Figma, Notion

WORK EXPERIENCE

Instrumentation Engineering Intern — Indian Potash Limited, Muzaffarnagar, UP

Jun 2025 – Aug 2025

- Calibrated RTD Pt100 sensors, pressure transmitters, and electromagnetic flowmeters using HART communicators; applied data-driven analysis and systematic troubleshooting to optimise process control accuracy
- Gained hands-on experience with Safety Instrumented Systems (SIS) and Emergency Shutdown (ESD) protocols; documented sensor behaviour patterns to support predictive maintenance decisions

EDUCATION

B.Tech — Electronics & Communication Engineering, MIET, Meerut, UP | CGPA: 7.00/10

Jul 2022 – Jun 2026

PROJECTS

FitWardrobe — Privacy-First AI Stylist App (Sole Founder) [Web-Page](#) | [GitHub](#)

Jan 2026 – Present

Android · On-Device AI · LLM APIs · Prompt Engineering · Supabase · PostHog · Vercel

- Shipped production Android app (v1.0.1) with privacy-first on-device AI inference; landing page achieved 4,380+ Google impressions and 110 clicks in 3 months (avg. position 14) with 2.5% CTR
- Authored full PRD, defined KPIs, conducted A/B testing on core styling flows, and managed stakeholder feedback cycles as sole founder

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

Dec 2025 – Present

Python · FastAPI · PyTorch · Piper TTS · Whisper STT · Hugging Face · GitHub Actions

- Built open-source AI voice platform supporting 19 neural voices across 8 languages; released v0.2.0 with multi-LLM and AI workflow automation support within 30 days of initial scope definition

SEO & GEO Optimizer — AI-Powered SEO Tool [GitHub](#) | [npm](#)

Feb 2026 – Present

Prompt Engineering · Prompt Chaining · Node.js · GEO · Schema Markup · GitHub Actions

- Published open-source npm package integrating with 6 AI dev environments (Cursor, Windsurf, GitHub Copilot, Replit, Lovable, Bolt); 1,400-line skill file verified against 2025 Core Web Vitals standards
- Engineered 14-phase agentic workflow with human-in-the-loop validation gates; shipped v1.2.0 covering Core Web Vitals, Schema Markup, and AI citation optimisation across 2 releases

JewelPetal — Headless E-Commerce Storefront [Web-Page](#) | [GitHub](#)

Apr 2026 – Present

React 18 · TypeScript · Vite 5 · Tailwind CSS · Zustand · TanStack Query v5 · React Hook Form + Zod · shadcn/ui · PostHog · Sentry · GitHub Actions

- Built production-ready 10-page headless React SPA for a Made-in-India jewelry gift bouquet brand; implemented product catalog, cart state (Zustand), and checkout UI with React Hook Form + Zod; deployed via GitHub Actions CI/CD
- Engineered full GEO setup: llms.txt E-E-A-T doc, AI crawler allowlist (robots.txt), JSON-LD structured data, sitemap.xml across 13 pages, per-page dynamic meta via React Helmet Async; Shopify integration in progress

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