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SUMMARY

I'm a Computer Science student at IIIT Ranchi focused on product management and building AI-driven solutions for real user problems. I approach products end-to-end from identifying user needs and defining clear problem statements to prioritizing features, designing solutions, and iterating based on feedback and data. My strength lies in structured thinking, understanding user behaviour, and making practical trade-offs to build impactful products. My first priority is to understand what the user actually needs and building products that met their requirements.

EDUCATION

Indian Institute of Information Technology, Ranchi

2022 - 2026

B.Tech, Computer Science and Engineering | CGPA: 8.30 / 10

CASE STUDIES

Humanness by JoshTalks AI | Product Management Assignment

[View Case Study →](#)

Origin Medical Research Lab | Clinical Workflow & GTM Analysis

[View Case Study →](#)

PRODUCT EXPERIENCE

AstroCure | AI-Powered Astrology Intelligence Platform (Founder & Product Lead)

Aug 2025 – Present

→ [View PRD](#)

Mission: Eliminate fraudulent astrology practices exploiting millions of Indians annually by replacing fear-based readings with transparent, calculation-driven insights.

- Sized the opportunity: India's astrology market exceeds Rs. 40,000 Cr annually, yet is dominated by unverifiable, fear-based advice, identified a trust deficit as the core product problem, not a feature problem.
- Built a proprietary knowledge base by systematically scraping publicly available transcripts, lectures, and writings from credible, top-tier astrologers; designed a structured data pipeline to clean, tag, and chunk content for RAG retrieval.
- Engineered a RAG system grounded in real astrological calculations (planetary positions, transit logic, Dasha cycles) instead of pattern-matched vague language; every output is traceable to a source, eliminating hallucination-driven predictions.
- Made the deliberate product decision to surface source citations alongside every insight, enabling users to verify claims independently, a trust-first design choice that directly counters the opacity exploited by fraudulent practitioners.
- Defined go-to-market entry through Tier-2 and Tier-3 Indian cities where astrological dependency is highest and fraud exposure is worst, regional language support scoping as the first post-MVP expansion.

DocuMind | AI Document Intelligence Platform (Product Lead & Co-Builder)

Jan 2026 – Present

→ [View PRD](#)

Problem: 500M+ professionals misread legal contracts and research papers daily; a misinterpreted clause can cost Indian SMEs crores.

- Designed a dual-mode product (Legal + Research) with RAG-grounded clause extraction and risk scoring; made the explicit trade-off of RAG over fine-tuning to cut build time 60% while improving output reliability.
- Validated on 60 real documents (30 contracts + 30 research papers), achieving high F1 on clause extraction and a 4.2/5 user clarity rating; scoped the product as a decision-support tool, not a legal substitute, to responsibly expand the addressable user base.

Clericdigital | AI Automation Agency (Founder & Product Lead)

June 2025 – Jan 2026

Problem: Indian SMBs lose 10+ hours/week to manual workflows with no affordable automation path.

- Interviewed 15+ SMB owners to map workflow pain, prioritised AI-based follow-up automation as highest retention unlock, iterated 3 prototypes before shipping the highest-adoption workflow, cutting manual effort by an estimated 60%.
- Founded an AI automation and web development agency to streamline business operations through intelligent tools.
- Conducted market research and client outreach to identify challenges faced by small businesses (manual lead generation, repetitive workflows, lack of digital presence).
- Built prototype automation workflows and demo websites demonstrating efficiency improvements using AI.
- Developed proof-of-concept solutions such as AI-based data extraction and personalized content generation as part of MVP experiments.
- Currently validating offerings, refining business models, and exploring opportunities to scale into a client-ready service.

EdTech School Operations MVP (Product Innovator)

March 2024

Problem: Government school staff in Tier-2 towns spend 30% of the workday on manual attendance and communication.

- On-ground research at 5 schools revealed low smartphone literacy made complex apps unusable,
- Developed prototypes to simplify school operations (attendance, data management, communication).
- Pivoted the solution after identifying adoption challenges, applying lean startup methodology to minimize wasted effort.

SKILLS

Product Strategy: User Research, Problem Framing, PRDs, Market Research, Roadmapping, Prioritization, User Stories, Cross functional Collaboration, AI Product Thinking (LLMs, RAG), Data & KPI Tracking, Experimentation, Product Documentation, Launch & Onboarding, Stakeholder Communication

AI / Product: Machine Learning, Deep Learning, Basic Gen AI, RAG Systems, LLMs, Prompt Engineering, LangChain, OpenAI API, Claude API, Hugging Face, AI Tools, Prompt Engineering.

Frameworks: AARRR (Pirate Metrics), RICE, moscow, JTBD, North Star Metric, Kano Model, Product-Market Fit, Growth Loops, Funnel & Cohort Analysis, Lean Startup (Build-Measure-Learn), Opportunity Solution Tree, Double Diamond

Programming: Python, C, FastAPI, Streamlit, React (basic), MongoDB, SQLite, FAISS, Git

Execution: Measurement: KPI Definition, A/B Testing, Retention Metrics, Cohort Analysis, Agile/Scrum, MVP Scoping, Feature Prioritisation, Sprint Planning, Trade-off Analysis

Data: EDA, Statistical Analysis, Pandas, NumPy, Scikit-Learn, Matplotlib, Dashboarding, Feature Extraction,

Design: Wireframing, UX Prototyping, User Journey Mapping, Accessibility Design, Figma, UI/UX Designing, User Flow, Onboarding Funnel Design.

Tools: Notion, Figma, Canva, Jira (Basic) VS Code, PyMuPDF, Web Scraping (BeautifulSoup, Scrapy), MS word, excel, power point

ACHIEVEMENTS

- Winner, West Bengal District School Science Exhibition (2019) - Built an original prototype addressing a real-world problem, awarded at state level.