Pranay Shaurya

Bhopal, Madhya Pradesh, India
Pranayshaurya.pro@gmail.com | linkedin.com/in/pranay-shaurya-06106b252 | Pranay-Shaurya | 9334192924

PROFILE SUMMARY

Product-oriented Computer Science student (Health Informatics) with experience building AI-driven and data-backed solutions in healthcare and consumer domains. Skilled in user problem discovery, funnel analysis, experimentation thinking, and translating insights into actionable product decisions. Interested in building scalable, user-centric health-tech products that drive engagement, retention, and measurable business impact.

EDUCATION

Vellore Institute of Technology – Bachelor of Technology, CSE (Health Informatics) *Sep 2022 – 2026*
CGPA: 8.16/10.0

CORE COMPETENCIES

Product & Growth: Product Thinking, User Research, Funnel Analysis, Metrics Tracking, Market Segmentation, Hypothesis-Driven Problem Solving
Analytics & Tools: SQL, Excel, Google Analytics, Python (Pandas, NumPy), Data Visualization
Technical Exposure: Generative AI, RAG Systems, GCP, Database Design
Collaboration: Structured Communication, Cross-Team Coordination, Documentation

EXPERIENCE

Generative AI Virtual Internship – Google Cloud *2025*

- Identified friction in information retrieval workflows and proposed AI-based automation solutions.
- Analyzed user query behavior to improve response relevance and retrieval efficiency.
- Translated business use cases into scalable AI-powered features using Vertex AI.
- Iteratively refined prompts using structured feedback loops to improve output quality.

PROJECTS

AI-Powered Documentation Assistant (RAG System) - *Python, Database Integration*

- Identified onboarding inefficiencies caused by fragmented documentation systems.
- Designed and built a RAG-based knowledge assistant to improve user self-service.
- Optimized retrieval pipelines to enhance answer relevance and reduce resolution time.
- Proposed experimentation framework to measure engagement and feature effectiveness.

Retail Sales Analytics & GTM Insights - *SQL, Data Analysis*

- Segmented customers using SQL-based cohort analysis to identify high-value revenue contributors.
- Analyzed monthly growth trends to uncover peak demand windows and purchasing behavior.
- Built KPI dashboards tracking revenue growth, retention, and customer segments.
- Derived data-backed recommendations to support pricing optimization and GTM strategy decisions.

AI-Based Alzheimer's Detection (Research-Led Product Execution) - *Python, TensorFlow*

- Defined problem scope for early detection using MRI datasets and structured experimentation roadmap.
- Led a 4-member team coordinating development cycles and validation processes.
- Improved model performance to 92% accuracy through iterative optimization.
- Translated findings into clinically interpretable insights; research accepted for Springer publication.

CERTIFICATIONS

- Google Cloud – Generative AI Virtual Internship
- AWS Academy Graduate – Cloud Foundations
- Languages: English (Fluent), Hindi (Fluent), Japanese (Learning)