Diya Matani

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Professional Summary

Product-oriented Computer Science undergraduate passionate about building user-centric solutions by combining technical knowledge with business understanding. Experienced in translating user needs into structured features, defining solution flows, and improving product usability through data-driven insights. Strong analytical thinking and problem-solving skills with hands-on experience in AI-driven projects.

Education

Vellore Institute of Technology   **2022 − 2026**
B.Tech in Computer Science and Engineering — CGPA: 8.89

D.A.V. Public School   **2020 − 2021**
Senior Secondary, CBSE — Percentage: 93.6%

D.A.V. Public School   **2018 − 2019**
Secondary, CBSE — Percentage: 86.8%

Skills

Product & Strategy Skills: Requirement Gathering, User Research & Problem Definition, Feature Prioritization, Solution Mapping, Product Documentation, KPI Understanding
Analytics & Tools: MS Excel, Google Sheets, SQL, MS PowerPoint, Google Slides
Technical Foundation: Python, SQL, Basic understanding of AI/ML systems

Projects

Energy Insight — GitHub — Live

- Identified key user pain points in understanding AI-based energy predictions and defined dashboard features to simplify insights for non-technical users.
- Focused on improving usability and clarity of data visualization, enhancing user comprehension by approximately 30%.
- Proposed success metrics such as user engagement rate and dashboard interaction frequency to measure usability improvements.

Engine Rating Prediction — GitHub — Live

- Analyzed problem statement to convert raw performance predictions into an intuitive rating system aligned with user needs.
- Defined output presentation format mapped to real-world use cases such as maintenance planning and cost reduction.
- Improved interpretability of ML outputs for business decision-making through structured data presentation.

Achievements & Certifications

- **Poster Presentation at VIT** – Demonstrated solution presentation, stakeholder communication, and technical storytelling skills.
- **National Recognition** – Limca Book of Records & Indian Book of Records for exceptional mental arithmetic, highlighting analytical speed and accuracy.
- **Cloud Computing (NPTEL)** – Gained foundational understanding of cloud-based systems and SaaS concepts.

Position of Responsibility

- **Pahal Kids Classes** – Designed and conducted structured learning sessions for diverse audiences. Simplified complex concepts into easy-to-understand modules and improved engagement through interactive delivery methods.
- **Member, Google Developer Groups** – Contributed to technical initiatives and community-facing knowledge-sharing sessions, building collaborative presentation and leadership abilities.

Hobbies

Sketching, Anchoring and Hosting Events, Solo and Group Travelling