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 output 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