AISHWARY SINGH

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Profile Summary

A Computer Science undergraduate with strong foundations in **problem solving**, **data analysis and frontend development**.Passionate about building interactive and insightful dashboard and websites. Learning skills to dive into data for better outcomes.

Education

- **Vellore Institute of Technology** (2022 – 2026)
  B.Tech in Computer Science and Engineering *CGPA: 8.05/10*
- **GD Global School, Azamgarh** (2019 – 2021)
  Class XII(CBSE) *89%*
  Class X(CBSE) *82%*

Technical Skills

- **Programming Languages:** C++, Python, HTML, CSS
- **Core CS:** Data Structures, Object-Oriented Programming, MySQL,OS
- **Data Analytics & ML:** Python (Pandas, NumPy, Matplotlib), SQL
- **Visualization Tools:** Power BI
- **Developer Tools:** GitHub, VS Code

Projects

Sales Performance Dashboard *December 2025*
Python, PowerBI, Statistical Analysis, Excel, SQL

- Built an interactive **Power BI dashboard** to visualize revenue trends, sales performance, and customer segmentation.
- Processed and analyzed real-world retail datasets using **Python and SQL**.
- Delivered actionable insights that improved business decision-making and operational efficiency.

Skin Disease Prediction System *October 2025*
Python, Numpy, PyTorch, SQL

- Developed a **CNN-based skin disease classification system** using the HAM10000 dataset of 7 different classes.
- Implemented **ResNet-50 (ImageNet pre-trained)** using PyTorch for feature extraction.
- Achieved **72% model accuracy** through effective preprocessing, training, and validation.
- Designed a user-friendly and visually clear frontend interface for the Skin Disease Prediction System, enabling easy image upload and intuitive understanding of prediction results.

VIT Hostel-Ease *April 2025*
HTML, CSS, JavaScript, React, REST APIs

- **Developed a responsive frontend** for a hostel management system using modern web technologies, serving both students and management.
- **Implemented complaint and service request modules** allowing students to raise issues related to laundry, room cleanliness, Wi-Fi, and maintenance.
- **Designed structured dashboards and input forms** to help management track requests and manage staff availability efficiently.
- Ensuring safe and smooth logins, smooth navigations for both the sides and cross device compatibility.

Certifications

- Advanced Data Analyst – Google *December 2025*
- Python with Basics of Machine Learning – Coursera *December 2025*
- Data Analytics – IBM *May 2025*

Soft Skills & Interests

- **Soft Skills:** Problem Solving, Analytical Thinking, Team Collaboration
- **Competitive Coding:** Active LeetCode practitioner
- **Interests:** Drama, Singing, Cricket, Reading Philosophy
- **Languages:** English, Hindi