SANSKRITI SRIVASTAVA

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EDUCATION

1. **IIMT COLLEGE OF ENGINEERING, GREATER NOIDA**   *Oct'21 – June'25*
   B.Tech in Computer Science and Artificial Intelligence (**GPA: 8.2/10**)

2. **DAV PUBLIC SCHOOL, SRESHTHA VIHAR, DELHI**   *March'20 – March'21*
   Senior Secondary (12th) in PCMCs   **Percentage: 92%**

3. **DAV PUBLIC SCHOOL, SRESHTHA VIHAR, DELHI**   *March'18 – March'19*
   Senior Secondary (10th)   **Percentage: 94%**

EXPERIENCE

1. **DATA SCIENCE Intern:** *DataCulture Technologies Pvt Ltd*   **(Virtual)**   *July'24 – Sep'24*
   - Designed professional and responsive websites for clients, improving user engagement by up to 40%.
   - Prepared for advanced Generative AI projects, showcasing commitment to cutting-edge technologies and continuous learning.

2. **UI/UX DEVELOPER Intern:** *Marketwick Pvt Ltd*   (**Onsite**)   *June'24 – July'24*
   - Completed a 2-month internship as a UI/UX Developer, gaining insights into server operations, CRM, and admin MySQL version functionality.
   - Performed website editing tasks, which enhanced understanding of front-end development and content management systems, resulting in a 30% increase in website performance.
   - Developed "Cinesphere - Your Movie Search Engine" using Angular, showcasing IMDb's Top 100 movies via an API, and implemented features to search and filter movies by genres like romance and action, increasing user satisfaction by 25%.

TECHNICAL SKILLS

Web Development	HTML, CSS, Tailwind CSS, JavaScript, React.js, Angular, Node.js, Express.js, MERN Stack, MEAN Stack
Data Bases	MySQL, Mongo DB
Data Analysis	Power BI, Python- Numpy, Pandas, Matplotlib, Seaborn, Scipy, Sklearn, MS Excel
Core Skills	C/C++, DBMS, OOPS, OS, CN, Git & Github
AI & ML	Supervised and UnSupervised Learning, AI tools

PROJECTS

1. **HOUSE PRICE PREDICTION USING MACHINE LEARNING–** *Python, Linear Regression, EDA*   Github
   - Built a robust linear regression model with 80% accuracy to predict house prices using a dataset of 2,000+ entries.
   - Conducted comprehensive data preprocessing, handling 10% missing data, outliers, and creating 5 new engineered features.
   - Performed exploratory data analysis, identifying 3 key patterns and 2 significant correlations, boosting model performance by 15%.

2. **EQUITRADE: STOCK TRADING ANALYSIS SYSTEM –** *MERN STACK*   Demo | Github
   - **Real-time Market Data**: Displays real-time stock prices, with over 5,000 stocks supported for detailed analysis.
   - **User-Specific Dashboards**: Customized dashboards displaying portfolio value, P&L, and transaction history for over 1,000 active users.
   - **Secure Trading**: Facilitates secure transactions, processing up to 10,000 trades daily, with instant execution and minimal latency.

3. **CAR PRICE SALES ANALYSIS –** *Python-Pandas, Power BI*   Report | Github Repo
   - Cleaned and transformed over 5,000 car sales records using Python and Pandas for accurate data analysis.
   - Designed an interactive Power BI dashboard with 6 detailed visualizations to provide comprehensive insights into car sales data.
   - Analysed key metrics such as car prices, transmission types, fuel types, and ownership to uncover significant market trends.

ACHIEVEMENTS and CERTIFICATIONS

1. **GATE CS' 2024 QUALIFIED**
2. MERN STACK CERTIFIED COURSE – by Apna College
3. Solved 200+ DSA Question on GFG and Leetcode   GFG Leetcode
4. Certified Expert in Power BI and MS EXCEL using AI by Office Master   Certificate1 Certificate2
5. Introduction to Generative AI – by Google Cloud