

Nidhi

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Professional Summary

Pursuing BSc CS(AI & Data Science) with a strong interest in Machine learning and real-world application development. Skilled in Python, SQL, and frameworks like Django and Streamlit with practical exposure to data analysis, visualization, and full-stack development. Developed multiple real-world projects focused on solving user-centric problems through end-to-end implementation.

Technical Skills

Programming Languages : C++, Python, SQL, JAVA

Frameworks & Libraries : Django, NumPy, Pandas, Matplotlib, Streamlit

Frontend : HTML, CSS

Databases : MySQL, SQLite, Firebase

Tools & Platforms : Git, GitHub, Jupyter Notebook, Google Collab, VS Code, Excel, Kaggle

Projects

Crop Recommendation : [GitHub](#) - [Link](#) Feb 26 – Mar 26

- Developed a full-stack crop recommendation system using Django where soil and environmental data were processed through a trained Random Forest model, resulting in accurate crop predictions for users.
- Implemented secure authentication and an admin dashboard to manage data efficiently, improving usability and enabling streamlined, data-driven agricultural decision-making.

Account Spent : [GitHub](#) - [Link](#) Nov 25 – Jan 26

- Built a real-time expense tracking application, where user income and expense data was processed and visualized through interactive dashboards, resulting in clear insights into financial behavior.
- Integrated Firebase Authentication and Realtime Database to securely store and manage user data, enabling scalable access along with features like CSV export for easy analysis and sharing of financial reports.

Interactive Data Preprocessing & Visualization : [Github](#) - [Link](#) Jul 25 – Sep 25

- Developed an interactive data preprocessing tool enabling users to handle missing values, and detect duplicates with real-time preview on large datasets (up to 200MB), resulting in clean, well-structured data.
- Built integrated visualization and export features, including column statistics, missing value analysis, duplicate insights, and correlation matrix, allowing users to quickly understand data patterns and generate actionable insights for analysis.

Education

- BSc CS(AI & DS) | GJUS&T, Hisar **8.81 CGPA** | Sep 24 – Jun 28
- XII (Non – Medical) | HBSE **87 %** | 2024

Certificates & Achievements:

- Cleared Internal Smart India Hackathon (SIH)
- Two times 3rd position in Monthly Coding Test (MCT)