

Ayani Manoria

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Objective

I am a third-year B.Tech student in Computer Science and Business Systems with a strong foundation in statistics, programming, and data analysis. I have a passion for leveraging machine learning and analytical skills to address real-world business challenges. My hands-on experience through internships and projects has equipped me with practical insights into data science and full stack development workflows.

Education

B.Tech in Computer Science and Business Systems - BMS College of Engineering Sept 2023 - June 2027

- Relevant Coursework - Machine Learning, RPA(robotic process automation),statistics, EDA.

Skills and Extras

- I am passionate about Chess, which enhances my strategic thinking skills.
 - I enjoy singing and playing Musical Instruments, as it allows me to express creativity and connect with others.
 - Swimming keeps me active and Badminton sharpens my teamwork abilities.

Technical Skills

- Programming: Python(Numpy, Pandas, Scikit learn), SQL, C++
 - Machine learning: Regression, classification, clustering, decision trees, ensemble
 - Visualization: Tableau, Excel, seaborn, Apache (pyspark), Matplotlib, powerBI
 - Tools: Jupyter notebook, git, Google Colab

Projects

Prediction of house prices using machine learning

- Built Random Forest and Linear Regression models to predict house prices with 60-70% accuracy and visualized key drivers.

Customer churn analysis

- Developed Logistic Regression and XGBoost models predicting churn at 80-90% accuracy and created a Tableau dashboard.

College Activity & Event Management System

Tech stack: React, Next.js, Tailwind CSS, Node.js, PostgreSQL, Firebase Authentication (Google SSO) full stack dev team project

- Developed a role-based web platform for college institutes with four personas (Student, Faculty, Proctor, HoD) to manage events, registrations, activity points, and certifications.
 - Led the frontend development using React, Next.js, and Tailwind CSS, building separate dashboards and flows for all user roles with responsive UI and clean UX.
 - Implemented and integrated Firebase Authentication with Google SSO across the entire application, wiring auth state and role-based access to backend APIs for secure session handling.
 - Collaborated with backend teammates (Node.js, PostgreSQL) to define API contracts and ensure seamless integration of auth, event data, registrations, and attendance tracking.

Experience

Data Science Intern

Hemyat Consultancy Services Private Limited | Ashoknagar, Madhya Pradesh

July 2025 – September 2025 (2 months)

- Created impactful data visualizations to support business decision-making and project analysis.
 - Assisted in comprehensive data collection, cleaning, and preprocessing workflows to ensure high-quality datasets for machine learning projects.
 - Gained hands-on experience with machine learning projects in a professional consulting environment, developing practical skills in data science workflows and software development best practices.