

Avani Manoria

Bangalore, Karnataka | avanimanoria@gmail.com | 9109471971 | [LinkedIn](#)

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

Hemvat 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.