Harsh Rawat

Sitare University with SRMU, Lucknow, India
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Education

B.Tech, Computer Science, Sitare University   *Course Completion - May'26*

Relevant Coursework: Machine Learning, Java Programming, Advanced Data Structures and Algorithms, Python Programming, Object Oriented Programming Concepts, Artificial Intelligence, Database Management Systems

GPA: 8.36, Honors: Dean's List

Technical Skills

Programming Languages: Python, Java, JavaScript

Web Technologies: HTML, CSS, ReactJS, Flask, Django

Database Management: MongoDB, MySQL, PostgreSQL

Tools and Technologies: Linux, NumPy, Pandas, Matplotlib, Scikit-learn, NLP,, Git, GitHub, Canva

Work Experience

Data Science Intern, FirstHive, Bangalore   *May'24 - Aug'24*

- **Churn Prediction:** Challenges in customer retention due to lack of predictive insights and real-time analytics of customers.
- **Model and Dashboard:** Built a customer churn prediction model (92% accuracy) and an interactive analytics dashboard .
- **Better data Insight:** Predicted churn, improving decision-making through real-time customer behavior tracking.
- **Tools & Technologies Used:** Python, Scikit-learn, Pandas, Faker, Mimesis, Django, JavaScript, Chart.js, HTML, CSS.

Projects

SU_ChatBot

Developed an AI-powered chatbot leveraging Llama API and pgVector to enable precise answers for questions asked.

Used Flask, PostgreSQL (pgVector), Google Authentication, concurrent request handling and chat history tracking.

HeartCheckAuto

Developed a healthcare platform integrating an ML heart attack prediction model and with consultation features.

Used ML, Google OAuth authentication, role-based access control, Flask, Chart.js and appointment scheduling.

Library Management Portal

Designed a Library Management Portal, enabling efficient book tracking and user records with real-time updates.

Used tech stack: NoSQL (MongoDB) CRUD operations, Streamlit for interactive UI, and indexing for faster queries.

Extracurricular Activities

Coordinator, Coding Club, Sitare University   *Dec'24 - Present*

Scholarships

100% B.Tech CS Scholarship, Sitare Foundation   *Oct'24 - Present*

Reliance Undergraduate Scholarship, Reliance foundation   *Oct'24 - Present*

FFE Scholarship, Foundation For Excellence   *Oct'24 - Present*