

# SHIVANI JAIN

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## SUMMARY

Data-driven and analytical MCA graduate proficient in Python and SQL with a passion for uncovering insights from data. Proven ability to leverage data analysis techniques for informed decision making. Possesses strong problem-solving skills and experience with data collection, analysis, and reporting. Eager to apply technical expertise and analytical thinking to solve complex problems in a dynamic environment where data drives success.

## EDUCATION

### Vellore Institute of Technology, Chennai

Master of Computer Application (2023 – 2025)  
CGPA - 7.8

### Manipal University, Jaipur

Bachelor of Computer Application (2020 – 2023)  
CGPA - 8.4

### Maheshwari Girls Public School, Jaipur

Senior Secondary Education (2018 – 2020) - CBSE  
Percentage - 81%  
Secondary Education (2016 – 2018) - CBSE  
Percentage - 87%

## SKILLS

- **Programming Languages -**
  - C++, Java, Python
- **Tools & Technical Skills -**
  - Machine Learning
  - Power BI
  - Tableau
- **Database -**
  - MySQL
- **Soft Skills -**
  - Attention to Details
  - Team Collaboration

## VOLUNTEER EXPERIENCE

- Being Different - **Founder**(Dec,2017-2020)  
Founded and led an educational initiative in Jaipur slum areas, spearheading a team to conduct engaging and impactful educational sessions.
- Robin Hood Army - **Volunteer** (Dec,2021-Present)  
Involved as a volunteer with the Robin Hood Army, dedicated to community initiatives and social media engagement.
- Rotaract Club , Manipal University - **Member** (May,2020-2023)
- GreenBhumi - **Volunteer Intern** (July,2024-Present)

## RESEARCH EXPERIENCE & PROJECTS

### Chennai Flood Guard [Research Project]

- Implemented an extensive data collection strategy, aggregating diverse datasets encompassing ward details, elevation maps, historical weather records, and river proximity information to provide a holistic view of flood risk factors in Chennai.
- Developed a sophisticated hybrid machine learning architecture integrating traditional algorithms like Decision Trees, Random Forests, and Gradient Boosting with cutting-edge deep learning techniques using TensorFlow and Keras.

### Loan Approval Prediction

- Develop a predictive model to assess credit risk and predict loan approval. Built and compared machine learning models (Logistic Regression, Random Forest, XGBoost) to predict loan approval.
- Achieved an accuracy of 85% using the XGBoost model. Provided insights on factors that significantly impact loan approval.

### Dining on Data

- Utilized data visualization skills to create zomato dashboard, providing insights to improve customer experience and restaurant operations.

## INDUSTRY EXPERIENCE

### Data Analyst Intern - May,2024-Aug,2024

ConTecHub Solutions Pvt. Ltd.

- Utilized Python and SQL for data analysis and reporting, enhancing data-driven decision-making for demographic and firmographic evaluations.
- Conducted web scraping to collect relevant data and utilized the company's dynamic CRM for efficient data management and insightful reporting.

## PUBLICATIONS & ACHIEVEMENTS

- Awarded as the Best Research Paper during 6th International Conference on Recent Trends in Advanced Computing (ICRTAC'23) (IEEE Record Number: 59277) (2023).
  - Title: "Real Estate Market in the Digital Age: A Review of Technology Trends and Advancements".
  - Published in IEEE Xplore: Document ID: [10480781] .