

Rachana

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Contact

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Core Skills

- **Programming:** Python, SQL, Python Full Stack
- **Data Analysis:** Exploratory Data Analysis (EDA), Pandas, NumPy
- **Data Visualization:** Matplotlib, Seaborn, pyplot
- Business Intelligence (BI) Tool: Tableau
- Descriptive and Inferential Statistics
- Machine Learning
- Database Management
- Web Scraping
- Python Django
- MySQL Database
- Data Cleaning
- Problem Solving
- Communication Skills

Education

Master of Computer Application (MCA)

Results-driven and highly motivated MCA graduate with a strong foundation in computer science and a passion for data analysis, machine learning, and software development. Proficient in Python, SQL, and data visualization tools, with hands-on experience in database management, web scraping, and machine learning model development. Adept at leveraging technology to solve complex problems and extract actionable insights. Excellent interpersonal and communication skills, with a commitment to delivering high-quality results.

Projects

Data Analysis | Prominent Series Website

Hyderabad, Telangana | Jan 2024 – May 2025

- Conducted Web Scraping to gather data from the website for analysis.
- Performed Exploratory Data Analysis (EDA) to extract valuable insights from the collected data.
- Cleaned and pre-processed data, ensuring data quality and integrity.
- Created informative visualizations using Matplotlib and Seaborn.
- Addressed specific problem statements to enhance user experience on the website.

SQL Analysis | Library Project

Hyderabad, Telangana | Aug 2023 – Dec 2023

- Designed and implemented database tables for a library project.
- Applied constraints to ensure data integrity and consistency.
- Utilized advanced SQL functions, including group by, joins, and window functions.
- Effectively addressed complex queries and extracted meaningful insights for library analysis.

Software Developer | Online Doctor Appointment System

Hyderabad, Telangana | Mar 2022 – Jul 2022

- Developed a comprehensive Online Doctor Appointment System using Python, Django, and MySQL Database.
- Empowered users to consult doctors online and receive prescriptions, improving healthcare accessibility.
- Ensured seamless user experience through intuitive web design and functionality.
- Enhanced system security and data privacy measures.

Tableau | Zomato Online Delivery

Hyderabad, Telangana | Oct 2021 – Feb 2022

- Utilized Tableau to develop interactive visualizations for Zomato online delivery data.
- Revealed valuable insights into customer preferences, geographical patterns, and delivery trends.
- Streamlined delivery operations and facilitated data-informed decision-making.

Aurora's PG College,
Hyderabad, Telangana
CGPA: 8.0
Dec 2021 – Oct 2023

Bachelor of Science
A.V Degree College,
Hyderabad, Telangana
CGPA: 8.92
May 2018 – Aug 2021

- Contributed to improving the efficiency of the delivery service.

Certification

- Innomatics: Research Labs: Exploratory Data Analysis on Best Series
- Hacker Rank: SQL (Basic)
- Certified in MS Excel

Extra-Curricular Achievements

- Volunteer of NSS (National Service Scheme) and actively participated in various social camps.