

Saurabh Rathore

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LINKS

LinkedIn://

<https://www.linkedin.com/in/saurabh-rathore-930673211>

LeetCode:// Saurabh_Rathore

SKILLS

TECHNICAL:

- Data Structures and Algorithms
- PYTHON/ C
- OOPs (Object Oriented Programming)
- NumPy, Pandas and PuLP
- Functional Programming
- DBMS
- HTML
- REST API Building

DATABASES:

- MySQL
- MongoDB

TOOLS:

- GIT, GITHUB AND GITLAB
- DATA BUILD TOOL(DBT)
- SNOWFLAKE
- POSTMAN
- StreamSets

EDUCATION

Madhav Institute of technology and Science

B. Tech | Electrical Engineering|
2022 Batch
7.62 CGPA

Kendriya Vidyalaya No.1, Gwalior, (M.P)

XII class | 2017 Batch
76.4 Percentage

X class | 2015 Batch
8.2 CGPA

EXPERIENCES

TATA CONSULTANCY SERVICES (TCS) | Associate System Engineer

October 2022 - Current | Onsite

- Assigned to Wood Side Energy as Data Engineer.
- Developed and maintained ETL pipelines using Python, MySQL, DBT, SNOWFLAKE, and StreamSets to efficiently extract, transform, and load data from diverse data sources to the data warehouse.
- Worked on Python, MySQL, DBT (ETL tool), SNOWFLAKE, and StreamSets, enhancing technical skills and expertise in data engineering.
- Created data mappings to define extraction and loading processes, ensuring seamless data movement between source databases and the data warehouse, resulting in improved data accuracy and consistency.
- Developed custom macros in DBT using Jinja templates to streamline data transformation workflows, increasing code reusability and maintainability.
- Successfully obtained certifications in PYTHON and MySQL, validating expertise in programming and database management.

NETLINK SOFTWARE GROUP AMERICA | Software Developer Intern

December 2021 - February 2022 | Remote

- Created REST APIs for CRUD app using Falcon framework, MySQL.
- Got to learn about Linear and Non-Linear optimization, big data handling and Machine Learning etc.

PROJECTS

DIET PLANNER | PYTHON | PANDAS/NUMPY | PuLP

- In this we develop the app by using linear and non-linear optimization using python.
- Objective is to create meal for every age group people according to their nutrition requirement.

RENEWABLE ENERGY CONSUMPTION ANALYSIS | PYTHON | PANDAS/NUMPY | SEABORN

- In this we use world energy consumption dataset and done Exploratory Data Analysis (EDA) with data visualization using Python, Pandas, Xgboost, matplotlib and seaborn.

ACHIEVEMENTS AND CERTIFICATION

- 200+ Solved problem at Leetcode.
- Solved hundreds of DSA problems on pepcoding, Hackerrank and other competitive programming platforms.
- Certified in "Python" from PS Softech education services.
- Accenture developer program. (Virtual experience).
- LinkedIn Python Data Structure and Algorithm.
- LinkedIn Quick Start Guide To SQL.