

GAURAV RAYAT

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SUMMARY

Data Science & Mathematics undergraduate with hands-on experience in machine learning, SQL, and Python. Adept at translating data into strategic insights through real-world projects and internships. GATE 2025 qualified with AIR 2177 in Data Science & Artificial Intelligence.

EDUCATIONAL QUALIFICATION

Name of Course	Year	School/College	Grade
B.Sc. (H) Mathematics	2026	Sri Venkateswara College, University of Delhi	7.72
B.S Data Science (Online)	2027	Indian Institution of Technology, Madras	8.09
AISSE (Class XII)	2022	Deepalaya School,South Delhi	91.6%
AISSE (Class X)	2020	Deepalaya School,South Delhi	87.6%

WORK EXPERIENCE

DATA ANALYST INTERN, QBE Consulting (April 2025 - Present)

DATA SCIENCE INTERN, Unified Mentor (September 2024 - October 2024)

- Worked on two machine learning projects using Python and relevant libraries.
- Applied data preprocessing, feature engineering, and model evaluation techniques.

CHATBOT DEVELOPMENT INTERN, Summer Research Internship, Sri Venkateswara college (July 2024 - September 2024)

- Collaborated with a team to develop a chatbot using machine learning for real-time user interaction.
- Applied data cleaning, visualization, and analysis techniques to enhance chatbot functionality.

DATA ANALYST INTERN, Studify Success (March 2024 - June 2024)

- Utilized advanced MySQL and Python programming language to analyze data and implement machine learning models for data analysis at Studify Success.
- Leveraged Python libraries like pandas and scikit-learn to develop machine learning algorithms for data analysis.

PROJECTS

Telegram Chatbot (Generative AI) (July 2024 - September 2024)

- A telegram chatbot that is able to generate human-like content built using python programming language and the libraries such as flask, boltiotai and aiogram.
- This chatbot is built on the top of GPT-3.5 and hence can only generate textual content..

CODE : https://github.com/GAURAV-RAYAT/Srivipra_chatbot

Housing price prediction in Delhi (Machine Learning) (September 2023 - December 2023)

To identify the best-performing machine learning model for a dataset through comprehensive data analysis and model comparison.

- Conducted Exploratory Data Analysis (EDA) to understand the dataset's structure and features.
- Implemented and evaluated multiple machine learning algorithms, including Linear Regression and Decision Tree Regressor.
- Used Python libraries such as Pandas, Scikit-learn, and Matplotlib for data processing, model training, and performance visualization.

CODE : <https://bit.ly/4dY9Bkh>

Namrah Management Website (Web Development) (July 2022 - September 2022)

- Created a static website for Namrah group of security and hosted it on godaddy web services.

LIVE DEMO : <https://namrah.gauravrayat.me/>

Certifications & Online Courses

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| Building Generative AI (92%) LINK | Internshala Trainings (2024) |
| Business Analytics (82%) LINK | Internshala Trainings (2024) |
| Programming with Python (76%) LINK | Internshala Trainings (2024) |
| Data Science (75%) LINK | Internshala Trainings (2024) |
| Natural Language Processing (68%) LINK | Internshala Trainings (2024) |
| Machine Learning (61%) LINK | Internshala Trainings (2024) |

Skills

Programming Languages

Python (Advanced), SQL (Advanced), R (Basic)

Frameworks & Libraries:

NumPy (Advanced), Pandas (Advanced), Scikit-learn (Advanced), Seaborn (Advanced), Matplotlib (Advanced), SciPy, Flask (Advanced), Django (Basic), Jinja2

Tools & Platforms:

MySQL (Advanced), PostgreSQL, SQLite3, Git & GitHub (Advanced), Linux (Advanced), Shell Scripting (Bash), APIs, Qt Studio, Tableau (Basic), HTML, CSS

Core Concepts & Coursework:

Advanced DBMS, Machine Learning Algorithms (Advanced), Neural Networks, Data Structures & Algorithms in Python (Advanced), Exploratory Data Analysis (Advanced), Business Analytics (Intermediate), Statistics, Calculus, Linear Algebra, Modern Application Development, Artificial Intelligence