

KUMAR RISHABH



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linkedin.com/in/kumar-rishabh-59236a249/ Portfolio

I am Kumar Rishabh, a Data Science and Programming student at IIT Madras with a unique academic blend of technical and social sciences, holding a Sociology degree from VBSPU. I have a strong foundation in MySQL, Python, Java, Machine Learning, and App Development, complemented by a passion for solving complex problems and creating innovative solutions. An enthusiastic litterateur, I also explore storytelling through Hindi poetry and English prose. I bring technical skills, creativity, and interdisciplinary knowledge, aspiring to contribute meaningfully to data science and programming.

EDUCATION



- Indian Institute of Technology Madras**
Bachelor's Degree in Data Science and Applications
Chennai, Tamil Nadu
Jan. 2023 – May. 2026
- VBPSU, Jaunpur**
Bachelor's in Arts (Sociology)
Jaunpur, Uttar Pradesh
2022 – 2025
- C.I.S Baroura**
XII th (84.6%)
Ghazipur, Uttar Pradesh
2019 – 2021
- M.J.R.P Academy, Tiwaripur**
X th (88.6%)
Ghazipur, Uttar Pradesh
2019

WORK EXPERIENCE



- Title / Position: Data Entry Operator
- Employer / Institution: Uttar Pradesh Government
- Inclusive Dates: September 2023 – February 2024 (6 months)
- Job Description:
- As a Data Entry Operator on a contractual basis with the Uttar Pradesh Government, I was responsible for managing large volumes of data, ensuring accuracy, and maintaining data integrity. My role required:
- Attention to detail for minimizing errors. Efficient data processing to meet organizational needs. Adherence to strict deadlines, contributing to the smooth functioning of government operations. This hybrid role involved a mix of on-site and remote work, showcasing flexibility and commitment to delivering high-quality results under time constraints.

SKILLS



TECHNICAL SKILLS

- Languages: Python, Java, JavaScript, SQL, LLM, DSA, DS&ML
- Frameworks & Libraries: Flask, Vue.js, Bootstrap, Jinja2
- Web Development: HTML, CSS (Markup Languages)
- App Development: Expertise in building applications with modern technologies through projects like ISCEP V2
- Data Science & Analytics: Proficient in Data Structures and Algorithms (Python), Business Data Management and Analysis
- Databases & Data Management: Database Management Systems (DBMS), SQLite, SQLAlchemy, Redis
- Tools & Platforms: Git, Celery, Hosting (Docker&Kubernetes etc.)

Soft Skills:

- Attention to detail to minimize errors and ensure accuracy.
- Strong organizational and time-management skills for meeting deadlines.
- Excellent problem-solving abilities to resolve data inconsistencies.
- Effective communication and teamwork to collaborate with diverse team

PROJECTS



- **MAD2 Project: ISCEP V2**

Developed an advanced web app for influencer collaboration with campaign creation, ad requests, role-based access control, and an admin panel.

Tech Stack: Flask, SQLite, Vue.js, Bootstrap, Redis, Celery

- **Web Application for MAD1 Course**

Built a web app for managing influencer collaborations, including campaign creation, ad requests, and admin management.

Tech Stack: Flask, SQLite, Bootstrap

- **Capstone Project: Data Optimization for a Wholesale Store**

Enhanced operations for a wholesale store through sales analysis, inventory optimization, and pricing strategies.

Tech Stack: Python, Excel

- **System Threat Forecaster - Machine Learning Model**

This contains an end-to-end machine learning pipeline for predicting system threats using advanced ensemble models like **XGBoost, AdaBoost, and Gradient Boosting**. The final model is a **Stacking Classifier** that improves performance over individual classifiers.

Tech Stack: Python, XGBoost, Scikit-Learn, Pandas, NumPy