SAURAV KUMAR

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SUMMARY

Experienced Data Analyst & Machine Learning Engineer skilled in Python, data analysis, predictive modeling, and deep learning. Expertise in AI-driven solutions like emotion detection and sales forecasting. Proficient in Django, Flask, and Kivy for Full Stack Development. Strong problem-solver, optimizing technology solutions and driving innovation in dynamic environments.

WORK EXPERIENCE

Beamer Food and Beverages Private Limited   **Bangalore: Electronic City**

Data Analyst Intern   Feb 2025 - Present

- Analyzed large datasets to improve decision-making and efficiency.
- Gained expertise in **Advanced Excel** and **Power BI (DAX)** for dynamic reporting.

Para Loath   **Bangalore: Tin Factory**

Machine Learning with Python Intern   Oct 2023 - Nov 2023

- Learned and implemented **machine learning algorithms** for predictive analytics.
- Worked on projects like **Heart Disease Prediction** and **Crop Prediction** to develop data-driven solutions.

EDUCATION

Bangalore Technological Institute   **Bangalore**

BE   Nov 2021 – May 2025

- Pursuing studies with a focus on Artificial Intelligence and Machine Learning.
- Developed a Hospital Management System project as part of coursework.
- Developed an Emotion based music and movie recommendation system as part of coursework.
- Developed a Face based attendance system as part of coursework.

BR DAV Public School   **Bihar**

10th   **Mar 2018 - Apr 2019**

- 82.2%

11th and 12th   **Apr 2019 - Apr 2021**

- 87.2%

PROJECTS

Hospital Management System   **02/2024 - 03/2024**

Developed a system for managing hospital data and blood donor requirements online. **Link**

Emotion Based Music and Movie Recommendation System   **06/2024 - 07/2024**

- Created a system capable of detecting user emotions and recommending music and movies.
- Integrated voice command functionality. **Link**

Sales Analytics   **08/2024 - 08/2024**

- Analyzed sales data to identify trends, optimize inventory, and improve overall store performance. Utilized data analytics tools and techniques to provide actionable insights for enhancing sales strategies. **Link**

Smart Autonomous Robot with Obstacle Avoidance and Object Detection   **11/2024 - 01/2025**

- Developed a Smart Autonomous Robot with obstacle avoidance and object detection using machine learning and sensor integration.
- Implemented real-time navigation and object recognition, enhancing autonomous decision-making for improved efficiency and adaptability. **Link**

CERTIFICATES

Cloud Computing: The Emerging Technology   **Oct 2022**

IRJMET **Link**

Hackathon   **Sep 2024**

Scroll Hacks **Link**

Ideathon   **Nov 2024**

Bangalore Technological Institute **Link**

Tata Imagination Challenge   **Dec 2024**

Tata group **Link**

SKILLS

Proficient in **Python, Django and Flask Framework, Kivy, Machine Learning, Data Science, Data Analytics, OpenCV, Deep Learning, SQL, HTML, CSS, Microsoft Office Suite**, Strong problem-solving, teamwork, and communication skills.