



SHIVAM GUPTA

Phone: 7028539904

Email: sg426445@gmail.com

Github: [shivam91264](https://github.com/shivam91264)

Kaggle: [click here](#)

Address: Room No. 1517 Naya Gaon, Krishna Kuni, Sohna, Haryana, 122102

PROFILE

Data Science student at IIT Madras with strong hands-on experience in machine learning, data analytics, and full-stack web development. Built scalable applications using Flask, Vue.js, and Python, alongside training multiple ML models through end-to-end workflows including EDA, preprocessing, and optimization. Experienced in analysing real-world business data to generate actionable insights and practical solutions. Passionate about building meaningful technology solutions that combine analytics with modern web development.

EDUCATION

- **Pursuing Bachelor of Science Degree in Data Science & Applications**
IIT MADRAS Chennai, Tamil Nadu [2022-2026]
- **Higher Secondary Education**
Vivek Bharti Sr.Sec School Ghamroj, Haryana [2021-2022]
- **Senior Secondary Education**
Swami Vivekanand High School Bhiwandi, Maharashtra [2019-2020]

SKILLS

- | | | |
|-------------|------------------|------------------|
| • PYTHON | • FLASK | • SCIKIT-LEARN |
| • VUE JS | • SYSTEM COMMAND | • SQL |
| • LANGCHAIN | • LANGGRAPH | • ADVANCED EXCEL |

EXPERIENCE

Web Development

I developed multiple full-stack web applications using Flask, Vue.js, Bootstrap, and SQLite, focusing on scalable backend structure, clean UI design, and practical problem-solving through real-world projects.

Full-Stack eCommerce Platform (Latest Project):

Developed a clothing eCommerce web application using Flask (API) and Vue.js (UI) with Bootstrap for responsive design across devices. The platform includes product listings, secure user authentication, cart functionality, order management, and an admin dashboard for managing products, users, and inventory. The project follows a modular full-stack architecture with clearly separated frontend and backend components, making it easy to extend with advanced features in future updates.

Vehicle Parking App – V2 (IITM MAD-II Project):

Developed a Vehicle Parking Management System enabling users to book parking slots while allowing admins to manage slots, bookings, and reports. Used Flask for backend services and Vue.js for frontend development. Implemented Redis and Celery for background tasks such as reminders and report generation, and used MailHog for testing email notifications during development.

Influencer Engagement & Sponsorship Platform:

Created a full-stack web platform using Flask and Jinja2 templates with authentication, admin controls, and complete CRUD functionality. Influencers could create profiles, send sponsorship requests, and monitor responses, while companies managed campaigns and collaborations through a structured dashboard.

Model Training

As part of a project at IIT Madras, I worked on a Kaggle classification problem where I trained multiple machine learning models, including Linear Models, Naive Bayes, KNN, SVM, Ensembles, and Multilayer Perceptrons. I followed a complete ML workflow, data loading, EDA, preprocessing, model training, and hyperparameter tuning. I also applied feature selection and dimensionality reduction to improve model performance. This project gave me hands on experience in building end-to-end machine learning pipelines and models.

Data Analytics

I worked on a data analytics project for a Pune based battery shop, where I analysed sales and inventory data using Python libraries and advanced Excel. The goal was to identify product performance, monthly trends, and inventory gaps to support business decisions. I created visual dashboards and provided insights recommendations to improve stock planning and reduce dead inventory. Additionally, I explored public datasets from Kaggle including shopping, hotel bookings, and tourism data to practice analytical techniques.