Harsh

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Academic Qualification

KIET Group of Institutions   **Nov 2022 – Present**
Bachelor of Technology in Computer Science and Information Technology (Agg. SGPA: 8.15)   *Ghaziabad, Uttar Pradesh*

Saint Angels Public School (Central Board of Secondary Education)   **Apr 2018 – Mar 2022**
PCM & Computer Science (Percentage: 90.8%)   *Baghpat, Uttar Pradesh*

Relevant Coursework And Certifications

- ⬈ SQL Server Fundamentals : Master Basic Query Techniques
- ⬈ Supervised Machine Learning, DeepLearning,AI
- ⬈ Python for Data Science & Machine Learning Essentials
- ⬈ Data Scientist
- ⬈ Networking and Administration Fundamental

Internship

Oasis Infobyte 🔗   **Aug 2024 – Sep 2024**
Data Science Internship

- Led a **Sales Prediction System**, analyzing factors like advertising expenditure, target audience, and promotional platforms to estimate product sales. Built predictive models and provided insights to optimize advertising strategies.
- Composed a Machine Learning *Pipeline* that automates data preprocessing, training, and prediction using various ML algorithms, achieving the highest accuracy of 96% through *Decision Tree*.
- Conducted an in-depth **Unemployment Analysis** using diverse datasets, generating key insights to support policy-related discussions.
- Built a User-Friendly Web Application to facilitate sales prediction, allowing businesses to make informed, data-driven decisions.

Projects

Doctor-Patient Management System | **Self Project**

- eveloped a PHP and MySQL-based web application with patient, doctor, and admin interfaces.
- Features include appointment scheduling, medical records management, payment receipt generation, and a user-friendly dashboard. Designed a responsive front-end using HTML, CSS, and JavaScript for seamless user experience.

Mental Health and Wellness Tracker   **Self Project**

- Developed a web application that provides resources for mental health and wellness, including mood tracking, guided meditations, Games , Music and self-help exercise.
- Integrated user authentication, data visualization for mood trends, and personalized suggestions based on user inputs.
- Focused on promoting mental well-being and improving user engagement.

Calfit —

Developed a calorie tracking platform that analyzes user input to monitor daily intake and provides personalized food suggestions for weight gain or loss goals.

Integrated nutritional databases to offer real-time, goal-oriented dietary recommendations based on user profiles.

Skills

Programming Languages: Python, Java, C, C++, Javascript ,SQL, HTML, CSS
Generative AI: Google Gemini, OpenAI GPT
Machine Learning & Deep Learning: Algebra, Probability, Statistics, Calculus, Matrices, Data Visualization, ANN, Supervised and Unsupervised Learning, MLflow
Databases: MySQL, MongoDB, PostgreSQL, Git
Python Libraries/Frameworks: TensorFlow, PyTorch, Pandas, NumPy, Matplotlib

Achievements

- **Innovate X Hackathon (4th Position), Shyam Lal College, DU:** A 24-hour inter-college hackathon focused on building innovative tech solutions under time constraints. Developed a calorie tracking and recommendation platform that tracks user intake and suggests personalized meals to support weight gain or loss goals, using nutritional data and goal-based algorithms.

- **FOODOSCOPE Hackathon, 15-Hour Hackathon, IIIT , Delhi:** calfit is a user-friendly platform that takes the guesswork out of calorie tracking and meal planning, empowering individuals to achieve their wellness goals with ease.