

Satyam Kumar

Linkedin: <https://www.linkedin.com/in/satyamlpu/>

Email: satyamvatsa810@gmail.com

Github: <https://github.com/Satyam810>

Mobile: +91 8102524543

SKILLS

Languages:	Python, C, JavaScript, Html, CSS SQL
Tools/Platforms:	Git, GitHub, Linux, Jupyter Notebook, VS Code, Anaconda, Vercel
Framework/Libraries:	Django, Flask, Pandas, NumPy, Scikit-learn, Matplotlib
Core C S Fundamentals:	DSA, OOP, DBMS, OS, Computer Networks
Soft Skills:	Problem-Solving, Leadership, Adaptability, Time Management

PROJECTS

Safe Text Monitor <i>Python, Scikit-learn, TF-IDF, SVM</i>	Jan' 26
- Preprocessed 160K+ comments from the Toxic dataset using pandas and scikit-learn, performing duplicate removal, text cleaning, and feature engineering to improve model performance. - Implemented and evaluated Logistic Regression, Random Forest, and LinearSVC using TF-IDF vectorization; selected LinearSVC as the best model achieving ~93% accuracy. - Developed a confidence-aware toxic comment detection system using SVM decision margins to measure prediction reliability for automated content moderation.	
University Management System <i>Django, Python, SQLite, HTML, CSS, Bootstrap</i>	Dec' 25
- Developed a web-based university management system using Django (Python) to manage students, faculty, courses, and academic records, enabling centralized academic administration. - Implemented Django ORM, CRUD operations, and authentication modules for student registration, course enrollment, and secure database management. - Built a responsive UI using HTML, CSS, and Bootstrap and integrated the Django admin panel for efficient academic data management and system monitoring.	
Courage Library - Self paced learning platform <i>Html, CSS, JavaScript, Supabase, Razorpay</i>	Oct' 25
- Developed a web-based e-learning platform for SSC, Banking, Railway, and Defense exam preparation, providing structured courses, online study materials and exam preparation content. - Implemented a mock test system and online examination engine with practice tests, automated evaluation, score analytics, and performance tracking, enabling self-paced learning for competitive exam aspirants. - Designed a responsive, mobile-friendly UI/UX with structured course navigation, lifetime content access, user dashboard, and learning progress tracking, ensuring seamless accessibility across devices.	

TRAINING

Summer Training in Data Structure and Algorithms <i>LPU</i> Certificate	Jun' 25 – Jul' 25
- Completed summer training in Data Structures and Algorithms using C++, strengthening problem-solving and core programming fundamentals. - Applied algorithm optimization, data structure implementation, and time complexity (Big-O) analysis across common DSA problems. - Developed a web-based DSA Visualizer demonstrating sorting and data structure operations through step-by-step animations.	

CERTIFICATES

Unsupervised Learning <i>Coursera</i>	Feb' 26
Python <i>HackerRank</i>	Dec' 25
SQL <i>HackerRank</i>	Nov' 25
The Bits and Bytes of Computer Networking <i>Goggle</i>	Sep' 24

EXTRA-CURRICULAR ACTIVITIES

Advitiya (IIT Ropar) Certificate	Feb' 25
Open-Source Conference (IIT Kanpur) Certificate	Aug' 24
Hostel Committee Steering member (Hostel President)	Mar' 24
Member, Coding Ninjas – Voluntering in Hackathons and events	Nov' 23

EDUCATION

Lovely Professional University	Phagwara, Punjab
Bachelor of Technology	Aug' 23 – Present
Computer Science and Engineering; CGPA: 7	
St. Joseph's Public School	Dalsinghsarai, Bihar
Intermediate; Percentage: 61%	Apr' 22 – Mar' 23
St. Joseph's Public School	Dalsinghsarai, Bihar
Matriculation; Percentage: 87%	Apr' 21 – Mar' 22