

SATYAM KUMAR

Greater Noida, Uttar Pradesh

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Education

GL Bajaj Institute of Technology and Management

2021 - 2025

B.Tech in Computer Science Engineering(Artificial intelligence and machine learning)(CGPA of 7.87) Uttar Pradesh, India

Little Flower House

2020

12th percentage: 87.60

Varanasi, UP

Little Flower House

2018

10th percentage: 87.40

Varanasi, UP

Skills

Languages: C/C++, Python, Java, HTML/CSS, JavaScript, MySQL

Technical Skills: Data structure, Algorithms, Web Development, Git

Web Technologies: NodeJS, ExpressJS, ReactJS, MongoDB

Developer Tools: VS Studio, Sublime Text, PyCharm, GitHub

Soft Skills: Time Management, Leadership, Strategic Planning, Decision Making, Team Work

Projects

Campus Buddy|HTML, CSS, JS, ViteJs| [GitHub](#)

- Developed Campus Buddy, a dynamic web application designed to enhance the overall user experience for students.
- Introduced responsive design principles, making the website accessible and visually appealing across various devices and screen sizes.
- Enhanced user engagement by integrating interactive elements and dynamic content using **JavaScript**.
- Optimized the website's performance by implementing **ViteJs**, resulting in faster load times and improved overall responsiveness.

Movie Recommender System | Python, Pandas, Streamlit, Jupyter Notebook | [GitHub](#)

- An End to End **content-based** recommender system that recommends movies based on **tags(Genres, Cast, Crew and Overview)** .
- Includes features like user input-based **most similar 5 movies** recommendations along with posters.
- Uses **text vectorization** and **cosine similarity** to determine similar movies and **Streamlit** is used to display the results based on the user on the screen.

URL Shortener| NodeJs, ExpressJs, MongoDB| [GitHub](#)

- Developed a URL shortener web application using **Node.js, Express.js, and MongoDB**. Implemented **RESTful API** endpoints for shortening long URLs and redirecting shortened URLs to their original destinations.
- Employed MongoDB to store and manage URL mappings efficiently, ensuring scalability and performance. Implemented error handling and validation to enhance the reliability and security of the application.

Achievements

- Participated in College Coding Competition and Secured **5th** rank.
- Secured all India rank of **461, 444** respectively in Codechef's Starter 78 and Starter 94 in Division 3, among 8000+ participants.
- Secured a Global Rank under 5000 in Codeforces Round 880 (Div 2), among 12000+ participants.
- Secured All India Rank **309** in Leetcode Weekly Contest 386 , among 23000+ participants.
- Solved **800+** Questions across various Coding platforms.

Profile Links

- [Codechef](#) : 3 Star with Max. Rating 1676.
- [Codeforces](#): Pupil with Max Rating 1283.
- [Leetcode](#) : Solved 500+ Questions with Max rating 1765.