

Satyam Vatsal

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LinkedIn: Satyam Vatsal
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Second-year Computer Science student with experience in developing full-stack web applications and a strong foundation in data structures algorithms dedicated to fostering diversity and innovation in tech.

Technical Skills

- Areas of Interest: Data Structures, Algorithms, **Competitive Programming**, Problem-Solving, Arch Linux
- Programming Languages: C, C++, Python, JavaScript
- Course-Work: OOPS, Data Structures, DBMS
- Tools and Technologies: Git , Bash, **Linux**, Bootstrap

Education

Degree	Institute	Course	CGPA/Percentage	Year
B-Tech	MANIT, Bhopal	Computer Science Engineering	9.33	2023-2027
12th	Mother Teresa Vidyapeeth, Muzaffarpur	CBSE	92%	2023
10th	Mother Teresa Vidyapeeth, Muzaffarpur	CBSE	94%	2021

Experience

• Technical Executive at VISION-CSE

Aug 2024 - Till now

As a Technical Executive at Vision CSE, I am responsible for contributing to the society's technical initiatives, collaborating on various projects, and supporting the development of technical events and workshops.

Technical Projects

URL Shortner and Analytics

- Developed a URL shortener web application using **Express.js** for the backend and MongoDB for database management. The project allows users to shorten long URLs, track usage, and redirect to the original URL. Utilized MongoDB for efficient URL retrieval and tracking, designed RESTful APIs for scalable endpoint management, and implemented error handling for robust user interaction.

Image-to-PDF Converter Web App

- Built a user-friendly web application that converts images into PDF files, leveraging **Django** for the backend framework. This application allows users to upload multiple image files and converts them seamlessly into a single PDF document. Incorporated Python's **Pillow** library for optimized image processing, and created a responsive UI to ensure smooth user interaction across devices.

Coding Profiles

- **CodeChef** Profile: [satyamvatsal](#) **100+** Problems solved Max Rating: **1662(3*)**
- **Codeforces** Profile: [satyamvatsal257](#) **450+** Problems solved Max Rating: **1313(Pupil)**
- **Leetcode** Profile: [satyamvatsal257](#) **150+** Problems solved Max Rating: **1485**