

Siddhant Pathak

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Summary

Enthusiastic Software Developer with strong problem-solving abilities and hands-on experience in C++, Python (with its libraries), and full-stack web development using the MERN stack. Skilled in managing and leading projects from inception to delivery, with proven ability to collaborate effectively within teams. Adept at writing clean, efficient code and continuously exploring new technologies. Passionate about mentoring, learning, and delivering impactful software solutions with a balance of technical expertise and leadership.

Education

Poornima University, B.Tech in Computer Science

2023 – 2027

- CGPA: 7.64 (up to the last semester)

Mount Litera Zee School, 12th CBSE Board

2022 – 2023

- Percentage: 67%

Skills

Technical Skills :

- **Languages:** C++, C, Python, JavaScript, SQL
- **Tools and Technologies:** MongoDB, RESTful APIs, HTML, CSS, Git, GitHub, Requests
- **Frameworks and Libraries :** Node.js, Express.js, React.js, Flask, FastAPI, NumPy, Pandas, Matplotlib, BeautifulSoup
- **Core Computer Science:** Data Structures and Algorithms, OOPs Concepts, Operating System, Computer Networks, RDBMS

Soft Skills :

- Leadership
- Team Collaboration
- Problem Solving
- Communication Skills
- Time Management

Projects

Fullstack Discord Clone

- Built a full-stack Discord clone supporting real-time messaging, channel management, and secure authentication, enabling seamless community interactions.
- Integrated Socket.io for real-time chat, Prisma + MySQL for robust data handling, and Tailwind CSS for responsive design.
- **Technologies:** Next.js, React, Socket.io, Prisma, Tailwind CSS, MySQL

YouTube-Inspired Video Sharing Platform

- Developed a YouTube-like platform with features such as video uploading, viewing, likes, comments, and personalized recommendations, enhancing user engagement.
- Implemented Redux Toolkit for efficient state management and integrated YouTube API v3 for real-time video data.
- **Technologies:** React, Redux Toolkit, TypeScript, Tailwind CSS, YouTube API v3

Achievements

- **Hackathon Winner (1st Place):** Successfully led a diverse team during a high-pressure college hackathon, driving collaboration across multiple technologies and ensuring seamless integration. Coordinated end-to-end development, managed time-critical challenges, and delivered a scalable solution that secured **1st place among 180+ competing teams.**