

Satyam Singh

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Profile Summary

Computer Science Engineering student with strong expertise in full-stack web development, real-time communication, and backend system design. Proficient in building scalable applications using Next.js, Node.js, and MongoDB.

Education

Bachelor of Technology (B.Tech) - Computer Science and Engineering

Dr. Ambedkar Institute of Technology for Divyangjan, Kanpur | 2022 - 2026

Intermediate (XII)

Mahatma Gandhi Intermediate College, Gorakhpur (UP Board) | 2020 - 2022

High School (X)

Navals National Academy, Gorakhpur (CBSE Board) | 2018 - 2020

Internships and Projects

Job Searcher Platform — Full-Stack Developer

Technologies: Next.js, MongoDB, Socket.IO, Nodemailer

- Designed and developed a job search web portal with real-time video interview functionality.
- Integrated an automated email notification system using **Nodemailer**.
- Built robust database schemas for candidates and job listings using **MongoDB** and **Mongoose**.

Personal Portfolio Website — Web Developer

Technologies: Next.js, Nodemailer

- Developed a responsive personal portfolio showcasing projects and skills.
- Implemented a dynamic contact form with backend email notification functionality.

Skills

Programming Languages: JavaScript, C++, HTML5, CSS3

Frameworks & Libraries: Next.js, React.js, Node.js, Express.js

Databases: MongoDB, Mongoose

Tools & Technologies: REST APIs, WebSocket (Socket.IO), Git, GitHub, Postman, Visual Studio Code

Core Competencies: Full-Stack Web Development, Backend Systems, Responsive Web Design, Data Structures and Algorithms (DSA)