SHIVAM SINGH

FULL-STACK WEB DEVLOPER

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ABOUT ME

I am a passionate and dedicated BTech student specializing in Computer Science with a focus on Artificial Intelligence and Machine Learning at WCTM College. I have a strong interest in AI-driven technologies and enjoy exploring how machine learning can solve real-world problems. Along with AI/ML, I also have hands-on experience in full-stack development, which helps me understand the complete lifecycle of software applications. I am always eager to learn, work on challenging projects, and collaborate with like-minded individuals to build impactful solutions.

EDUCATION

WORLD COLLEGE OF TECHNOLOGY AND MANAGEMENT
Currently enrolled in the BTech CSE (AI & ML) program at WCTM College.   2022-2026

VIVEKANAND SEN SEC SCHOOL
I completed my 10th and 12th from this School, affiliated with the CBSE board.   2018-2019

TRAINING: Completed a 2-month comprehensive MERN stack training, gaining hands-on experience   2024(AUG AND SEP)
in building full-stack web applications using MongoDB, Express.js, ReactJS, and Node.js.

SOFT SKILLS

- Willingness to Learn
- Self-Motivation
- Analytical Thinking
- Communication
- Team Player
- Empathy

TECH SKILLS

- **FRONTEND:** HTML, CSS ,JAVASCRIPT,REACT
- **FRAMEWORK:** REACT.JS, NODE.JS(EXPRESS), FLASK
- **DATABASE:** MYSQL, MONGODB
- **LANGUAGE:** PYTHON, JAVASCRIPT, C++(BASIC)
- **OTHERS:** JWT, BCRYPT, PANDAS

PROJECTS

- **HOSPITAL MANAGEMENT**
Currently working on a full-stack Hospital Management System that aims to automate and streamline hospital operations. The system includes key features like patient registration, appointment scheduling, medical records management, real-time billing, and staff management. I am using ReactJS for a dynamic and responsive front-end, while Node.js and Express power the backend, ensuring efficient routing and API management. For secure user authentication, I've implemented JWT for sign-in and Bcrypt for secure password hashing. Flask is used to handle and process datasets, and MongoDB serves as the database for storing patient and hospital-related data. This project enables me to apply a wide range of skills, including front-end development, back-end architecture, security practices, and database management, while gaining practical experience in building scalable healthcare solutions.

- **OTHER PROJECTS**
I have completed several small-scale projects to sharpen my full-stack development skills, including a Tic-Tac-Toe game, a Weather App, a To-Do List application, and an E-commerce website. Each project allowed me to experiment with different technologies and frameworks, such as [mention technologies, e.g., HTML, CSS, JavaScript, React, Node.js]. These projects helped me strengthen my problem-solving abilities, user interface design, and backend development skills, while also giving me a practical understanding of how to develop and deploy functional applications