HIMANSHU SINGH

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Education

Madan Mohan Malaviya University of Technology Gorakhpur Uttar Pradesh	**2021-2025**

- Bachelor of Technology in Computer Science and Engineering | CGPA: 6.56/**10**

S C S S T I C Madhuriya Kushinagar	**2019 - 2020**

- *UP BOARD (Class XII), Aggregate:*72.40%

Ramsewak H S S Dhaurahara Kushingar	**2017 - 2018**

- *UP BOARD (Class X), Aggregate:*89.66%

Skills

C | C++ | C#.NET | Python | HTML | CSS |Tailwind |Bootstrap| JavaScript | ReactJS | NodeJS | MongoDB| MySQL | Git/GitHub |AI

Projects

Ecommerce Project (Demo Link)

Developed a Doctor Appointment Booking System using MERN stack, showcasing proficiency in MongoDB, Express.js, React.js, and Node.js

- Implemented user-friendly cart functionality, ensuring effortless management of selected products.
- Incorporates intuitive product filtering features, elevating the browsing experience for users.
- Ensures robust authentication through the implementation of password hashing for enhanced security.

Secure Medical Data Sharing using Blockchain(College Major Project in Progress)

Developed a securely share medical data between hospital and patient using Blockchain (Etherum), Encryption(SHA-**256),** Smart Contracts, InterPlanetary File system(IPFS).

Tech Stack Used:
Frontend:
- JavaScript
- React

CSS Framework:
- Tailwind CSS

Backend Technologies:
- Solidity (for smart contract development)
- Node.js (for server side scripting)

Development Tools:
- Hardhat (for Ethereum development and testing)
- Thirdweb (Potentially library or tool for blockchain interaction or integration)

Coursework Information

2021– 2025	Object Oriented Programming Data Structures, Design and Analysis of Algorithms, Database Management System, Computer Architecture, Computer Network, Operating System.

Achievements

2024 solved 100+ problems in GFG
5 star on hacker rank in C, C++ and Problem solving

Certificate

NPTEL 2023(IIT Kharagpur) Programming in modern C++
NPTEL 2024(IIT Madras)   Machine Learning
NPTEL 2024   Game Theory (learning)
CODESOFT   Web Development

Volunteering

Member of EMR (Embedded and Robotics) Club