VISHAL SINGH

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EDUCATION

Maharana Institute of Professional Studies   Mandana, Kothi , Uttar Pradesh
Bachelor of Technology   *Expected Graduation, May 2026*
CGPA: 8.0

PROFILE SUMMARY

MERN Stack Developer and Computer Science Student skilled in MongoDB, Express.js, React.js, Node.js, and programming languages including C, C++, and Python. I build responsive, high-performance applications that prioritize user experience and I am committed to leveraging these skills as a foundation for my future career.

SKILLS

Programming: Java, Python, JavaScript, HTML5, CSS3, Tailwind CSS, Node.js, React.js, C/C++,Express.js.
DataBase: MongoDB, Appwrite.
General: Data Structure and Algorithms, OOPs, Problem Solving.
Developer Tools: Visual Studio, IntelliJ, PyCharm, Git , GitHub, Dev C++.
Technologies: RESTful APIs, Asynchronous Request Handling, Front-end Build Pipelines, Version Control Systems (Git), State Management Libraries (Redux, Context API), Responsive Design Principles.

PROJECTS

Notion Academy: [🔗 Live link]

Tools: React, NodeJs, MongoDB, ExpressJs, Razorpay, Redux, Git, Responsive Design
Notion Academy—a cutting-edge learning platform powered by the dynamic MERN stack! .It's a vibrant learning ecosystem where Admins, Instructors, and Students come together to collaborate like never before.
Responsibilities:

- **Dynamic Course Creation & Learning**: Instructors design interactive courses, and students enroll to learn, engage, and participate in the **Doubt Forum** where they can ask questions, share knowledge, and support peers.
- **Secure Access with AuthN & AuthZ**: Role-based access for Admins, Instructors, and Students, ensuring **secure authentication** and **authorization** to access platform features, including the **Doubt Forum**.
- **Integrated Razorpay** for secure and seamless course enrollment and payments, ensuring smooth transactions for users.

Currency Converter: [🔗 Live link]

Tools: React, API Integration, Responsive Design, Git
A sleek and intuitive web application allowing users to easily convert amounts between different currencies, leveraging real-time exchange rates.
Responsibilities:

- Built a web app enabling real-time currency conversion using React.js and external APIs, supporting over 50 global currencies.
- Enhanced user experience with a responsive design, resulting in a 15% increase in mobile usage.

ACADEMIC ACHIEVEMENTS

- Secured 4th rank in my college coding competition, Code-o-Fiesta, during my 1st semester.
- Qualified for the Internal Smart India Hackathon (SIH) 2023, showcasing innovative problem-solving skills.