SATVIK YADAV

FULLSTACK DEVELOPER | MERN

CONTACT

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SKILLS

Technical Skills

Front-End : HTML, Tailwind CSS, Javascript, React.js

Back-End : Node.js, Express.js

Full Stack : Next.js

Database : MongoDB

Version Control : Git , Github

Other Tools : Restful APIs, Postman, Visual Studio Code

Skilled in prompt engineering to achieve optimal AI outputs

AI : Utilizing LLMs (ChatGPT, Claude) for code development, debugging, and optimization

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EDUCATION

Bachelor of Technology in Computer Science & Engineering

Manav Rachna International Institute of Research & Studies

(Faridabad)

2017-2021

Diploma in Computer Engineering

Govt. Polytechnic College

(Manesar)

2015-2018

LANGUAGES

javascript �■■■■■■■■■■■■

java ■■■■■

Python ■■■■■

PROFILE

"Full-stack web developer with hands-on experience building responsive web applications using MongoDB, Express.js, React, and Node.js. Recently completed intensive training in modern JavaScript development, including REST APIs and state management. Implemented two full-stack projects from concept to deployment, including an e-commerce platform and a real-time password management system. Skilled in Git version control and agile development practices. Currently seeking opportunities to contribute to dynamic development teams while expanding my expertise in the MERN stack.

PROJECTS

"Responsive MERN-Based Password Manager with React and Tailwind"

- Full-Stack Development: Built a fully functional password manager using the MERN stack
- Frontend Design: Utilized Tailwind CSS to create a responsive and modern user interface.
- Data Security: Implemented encryption techniques for secure password storage and retrieval.
- Authentication: Integrated user authentication and authorization using JSON Web Tokens (JWT).
- API Development: Designed and developed RESTful APIs for backend functionality.
- Error Handling: Incorporated robust error handling for smoother user experiences.
- Performance Optimization: Optimized API calls and database queries for better performance.
- Scalability: Designed the application with scalability in mind to handle increased user data.
- Responsive Design: Delivered a fully responsive application compatible with various devices.
- Practical Application: Demonstrated real-world use of encryption for password security.

"My Patreon App"

- Full-Stack Development: Built a Patreon-like platform, "BuyMeADrink," using Next.js and RESTful APIs.
- Secure Payments: Integrated payment gateways for handling donations and subscriptions.
- Authentication: Implemented secure user authentication and authorization.
- Responsive Design: Designed a mobile-friendly, responsive user interface.
- Deployment: Deployed the application to a cloud platform for scalability and reliability.
- Performance Optimization: Enhanced app performance using lazy loading and code-splitting.

Projects in Colleges

Manav Rachna International Institute of Research & Studies	Govt. Polytechnic College
Airline Management System	**Basic Projects**
• Developed a robust airline reservation system using Java, implementing core OOP principles and MVC architecture	• To Do app • Weather App • Tic Tac Toe
• Designed and implemented key modules for flight scheduling, passenger management, and booking operations using ArrayList collections	Netflix & Twitter static clone using HTML , tailwind & CSS
• Created efficient search algorithms for flight availability and integrated basic validation logic for booking confirmations	Helped in understanding the most basic Frontend
• Implemented error handling and data validation to ensure system reliability and data integrity	
• Utilized Java Collections Framework for data management and LocalDateTime for scheduling operations	Designed several posters for College using Figma & Canva
• Tech Stack: Java, Object-Oriented Programming, Collections Framework	