

Happy Yadav

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MERN Stack Developer skilled in building scalable web applications and secure backend systems using React.js, Node.js, MongoDB, and modern technologies. Passionate about developing efficient, high-performance solutions and contributing to innovative projects.

Experience

Sankhyana Consultancy Services Pvt. Ltd., *MERN Stack Developer Intern*

Feb 2025 - Present

- Developed and optimized backend APIs using Node.js, Express.js, and MongoDB for seamless data management.
- Implemented secure authentication and role-based access control for user management.
- Built responsive React.js frontend pages using Tailwind CSS, ensuring a seamless user experience.
- Integrated frontend with backend, enabling real-time data updates and improving system efficiency.

PROJECTS

CodeNode | Ed-Tech Backend Application, using Node.js (Source Code)

Oct 2024 - Jan 2025

- Developed a cutting-edge Backend web application for an educational platform, facilitating seamless interactions among Administrators, Students, and Instructors.
- Implemented a robust cloud-based database infrastructure using MongoDB Atlas, ensuring scalability and reliability for dynamic content management.
- Developed backend functionality to enable instructors to securely upload and manage courses and lectures on Cloudinary, ensuring seamless content storage and retrieval for an enhanced learning experience.
- Facilitated efficient enrollment processes and course management functionalities for both Administrators and Instructors, optimizing workflow efficiency and user satisfaction.

AI-Powered Email Generator | Full-Stack Web Application, *MERN Stack* (Source Code)

Jan 2025 - Feb 2025

- Built a MERN stack app integrating Google Gemini AI for AI-powered email generation.
- Integrated Nodemailer for seamless email delivery and Multer for secure file uploads, allowing attachments before sending.
- Implemented a draft-saving feature using MongoDB, enabling users to store and manage emails for later use.
- Developed a responsive React.js frontend for a smooth user experience, ensuring efficient email management.

Weather App | Web application, using Javascript (Source Code)

May 2024 - June 2024

- Crafted a responsive and visually appealing web application using HTML, CSS, and Tailwind CSS, showcasing a strong command of modern front-end technologies.
- Integrated the OpenWeatherMap API to fetch and display up-to-date weather information, including temperature, humidity, and conditions for any location.

AuthBackend App | Backend Application Using Node.js (Source Code)

Sept 2024 - Oct 2024

- Developed a secure and scalable backend application using Express.js and MongoDB, providing login and signup functionalities with robust authentication.
- Implemented JWT-based token authentication and cookie-based session management to ensure secure user access and reliable API communication.
- Designed RESTful APIs for seamless integration with frontend systems, enabling efficient user authentication and data exchange.
- Optimized database operations with MongoDB for efficient data retrieval and secure storage, ensuring application scalability and performance.

SKILLS

Languages	Java, Javascript
Front-end	HTML5, CSS3, React.js, TailwindCSS & Bootstrap5
Back-end	Node.js, Express.js
Databases	MongoDB, MySQL
Tools	VS code, Git, Github, Vercel, Render, Postman & Linux

EDUCATION

Greater Noida Institute of Technology, *Master of Computer Application* | Delhi-NCR, Greater Noida

Batch: 2022 - 2024

Dr. Rammanohar Lohia Avadh University, *Bachelor of Computer Application* | Ayodhya, Uttar Pradesh

Batch: 2018 - 2021

ACHIEVEMENTS & CERTIFICATIONS

Certified Software Engineer - IT Services **AMCAT**

Certified Software Development Trainee **AMCAT**