Rajat Yadav

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Professional Summary

Full Stack Developer with hands-on experience in building responsive, scalable web applications using the MERN stack (MongoDB, Express.js, React.js, Node.js). Strong proficiency in backend development, RESTful API integration, and user-centric design. Adept at solving complex problems with solid knowledge of Data Structures and Algorithms. Passionate about creating impactful solutions and continuously learning modern web technologies.

Technical Skills

- **Languages:** C++, JavaScript (ES6+), C, Python (Beginner)
- **Frontend:** HTML5, CSS3, React.js, Tailwind CSS, Responsive Web Design, React Router
- **Backend:** Node.js, Express.js, RESTful API Development, JWT Authentication
- **Database:** MongoDB, Mongoose, CRUD Operations
- **Developer Tools:** Git, GitHub, VS Code, Postman, API Testing
- **Other:** Data Structures & Algorithms, JSON, Deployment (GitHub Pages)

Projects

Skillsync-AI (In progress)

- Developed a productivity tool using Node.js backend and React.js frontend.
- Designed and implemented RESTful APIs for seamless user interaction.
- Integrated a third-party AI API to provide intelligent suggestions.
- Integrated JWT-based authentication for secure login and protected routes.
- Focused on delivering a smooth, responsive UI with a user-centric experience.

Portfolio Website (Completed)

- Created and deployed a fully responsive portfolio website using React.js and Tailwind CSS.
- Integrated smooth navigation with React Router and SEO best practices.
- Showcased live projects, GitHub links, and a "Say Hello" contact section.

Professional Experience

Self-Led Full Stack Developer Training

Self-employed | Oct 2024 – Present

- Dedicated time to mastering HTML, CSS, JavaScript, React, Node.js, Express.js, and MongoDB.

- Built multiple small projects solving real-world problems, focusing on backend API design and frontend user experience.

- Applied Git for version control and deployed projects using GitHub Pages.

Consultant (Freelancer)

Indira Gandhi Panchayati Raj, Govt. of Rajasthan | 2023 – 2024

- Trained over 300+ village representatives on digital portals, government schemes, and economic policies.

- Maintained and updated 5+ government portals, ensuring data accuracy and improving accessibility.

- Acted as a liaison between Panchayati Raj and district authorities, streamlining communication and reporting directly to the Director General (IAS).

Computer Science Expert

Chegg | 2021 – 2022

- Solved over 600+ complex computer science queries from students globally.

- Delivered high-quality, detailed solutions in a fast-paced remote environment, improving student satisfaction and learning outcomes.

Machine Learning Trainee

TechieNest Pvt. Ltd. | May 2019 – Jul 2019

- Built mini-projects like ATM and Virtual Doctor using Python and machine learning techniques.

- Worked with libraries including NumPy, Pandas, and Matplotlib; implemented facial detection using OpenCV.

- Gained exposure to ANN, CNN, and tools like TensorFlow and Keras.

Education

MBM Engineering College, Jodhpur

Bachelor of Engineering (Information Technology)

June 2017 – May 2021

Senior Secondary (12th) – RBSE

June 2015 – May 2016

Secondary (10th) – CBSE

June 2014 – May 2015