

Suraj Maurya

Full Stack Web Developer | MERN | Machine Learning Enthusiast

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TECHNICAL SKILLS

Programming: C++, Python, JavaScript, SQL, HTML, CSS, OOP

Frameworks/Libraries: React.js, Node.js, Express.js, Flask, Bootstrap, Tailwind CSS, EJS, Next.js

Databases: MongoDB, SQL

Tools: Git/GitHub, Postman, VS Code, Render, Vercel

Other: REST API Development, JWT Authentication, Machine Learning Model Deployment, Data Visualization (Pandas, Matplotlib, Seaborn)

EXPERIENCE

DIGINIQUE TECHLABS – Full Stack Web Development

Dec 24 – Sep 25

- Developed and maintained a **Hotel Management System** using the MERN stack, streamlining operations and reducing manual workload by **40%** while ensuring accurate booking validations.
- Successfully delivered **2+ full-stack applications** leveraging **React.js, Node.js, Express.js, and MongoDB**, enhancing skills in modular architecture, API integration, and responsive UI development.
- Executed multiple project-based assignments under **mentorship**, improving **debugging efficiency, code optimization, and team collaboration** over a 6-month period.
- Implemented **RESTful APIs**, authentication modules, and CRUD operations, ensuring robust and scalable backend services.
- Gained hands-on experience in **version control, Agile workflows, and deployment processes**, contributing to real-world full-stack development projects.

INNOVATE – Full Stack Development Intern

July 24- Sep24

- Built and deployed responsive web apps with React, Node.js, and MongoDB, improving UI performance and database integration.
- Designed secure REST APIs and applied best practices for backend scalability.
- Strengthened practical expertise in authentication, API connectivity, and frontend optimization.

PROJECTS

PredictMedix – Medical Insurance Cost Prediction 🔒 | Python, Flask, ML, MongoDB, HTML, CSS, JavaScript

- Developed a machine learning model for predicting insurance costs based on health parameters.
- Deployed with Flask and MongoDB, integrating interactive UI using HTML, CSS, JavaScript, Tailwind, and Bootstrap.
- Implemented visualizations (bar plots, histograms) using Matplotlib & Seaborn to highlight feature impact.

Travel Quest Application 🔒 | MERN Stack

- Built a rental accommodation platform enabling users to search/manage listings with secure phone & email validation.
- Applied MVC architecture, React for UI, Node.js + Express for backend, and MongoDB for persistent storage.
- Integrated Mailer & Fast2SMS API for secure user communication.

Tides Info Application 🔒 | React + Vite + WorldTides API

- Designed an app to visualize tides in real time using WorldTides API. Integrated Leaflet.js maps with GPS detection, interactive markers, live clock, and tide countdown.
- Enhanced cross-device usability with responsive React + Vite design.

EDUCATION

Bachelor of Technology in Computer Science & Engineering
University of Lucknow | Aug 2022 – may2025 | CGPA: 7.63

ACHIEVEMENTS & CERTIFICATES

- Completion of DSA Course – Apna College
- Completion of Web Development Course – Apna Colleges

LANGUAGES

English (Professional) | Hindi (Native)