



MANISH KUMAR YADAV

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EDUCATION

Passing Years

Bachelor of Technology in Electrical and Electronics Engineering

2023-2027

National Institute of Technology, Jamshedpur

CGPA – 7.7/10

Matriculation

Jawahar Navodaya Vidyalaya Rudhauri Basti

2019-2021

Percentage – 93.4

Intermediate

2021-2023

SJP International School

Percentage – 90.4

PROJECTS

ReserveSpot- Digital Library Management System

PHP, JavaScript, Tailwind CSS, MySQL

- Built a real-time seat booking system to manage library seat availability and user reservations efficiently.
- Implemented role-based access, booking limits, and status dashboards to optimize space utilization and enhance user experience.
- Integrated a responsive UI with Tailwind CSS and AJAX for seamless, real-time interactions.

AlgoFy- DSA Progress Tracker Web Application

EJS, JavaScript, Express.js, PostgreSQL

- Designed an interactive question table with filtering and status tracking (solved, unsolved, in-progress), enabling users to visualize their progress clearly.
- Implemented dynamic goal-setting features, allowing users to define and monitor daily, weekly, and monthly practice targets with real-time feedback.
- Leveraged EJS templating for responsive and user-friendly frontend views while maintaining seamless interaction with Express.js routes.

Trend Edge – 20-DMA Investment Tracker

HTML,JS, Node.js, Express.js, MongoDB, Chart.js

- Developed a full-stack MERN app to analyze stocks and ETFs using 20-day moving average strategies, with interactive data visualizations. Backend computes real-time 20-DMA signals to flag buy/sell opportunities.
- Integrated external financial APIs (e.g., Alpha Vantage) to fetch live market data and compute 20-DMA crossover signals for trend analysis.
- Built interactive dashboards with Chart.js to visualize price movements and technical indicators, improving user decision-making.

SKILLS

Languages: C++, Python, PHP, JavaScript, SQL, HTML, CSS

Frameworks: Node.js, Express.js, React.js, Tailwind, EJS, REST APIs

Tools: Git, GitHub, VS Code, Postman, MySQL, PostgreSQL, MongoDB

Soft Skills: Problem Solving, Communication, Teamwork, Event Management

Core Cs: Operating System, DBMS, Computer Networking, OOPS

ACHIEVEMENTS

- Solved 200+ coding problems on platforms like Leetcode , GFG and Codeforces.
- Active GitHub contributor with multiple full-stack web projects
- Certificate of Responsive Web Design From free Code Camp.
- Certificate of Full Stack Web Development Bootcamp – Udemy.
- 5 ⭐ at Hackerrank in Problem Solving.
- Participant at Smart India Hackathon 2024 • Finalist - Pixel Sync Hackathon at OJASS, NIT Jamshedpur
- Participant at Sparkathon 2025