

MANISH KUMAR YADAV

B.Tech Student in Electrical And Electronics Engineering

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SUMMARY

I am a dedicated B.Tech student specializing in Electrical and Electronics Engineering at NIT Jamshedpur, with a solid foundation in web development and programming. My projects, such as a Digital Library Management System and a dynamic blogging platform, highlight my technical skills in PHP, JavaScript, and Node.js. Passionate about coding and participating in hackathons, I continuously seek to improve my skills and embrace new challenges.

EDUCATION

B.Tech
**National Institute Of Technology
Jamshedpur**
📅 08/2023 - 05/2027

Senior Secondary (XII)
SJP International School
📅 04/2021 - 04/2023

Secondary (X)
JawaharNavodaya Vidyalaya
📅 04/2019 - 04/2021

PROJECTS

Digital Library Management System

📅 06/2025 - present
Digital Library Management System

- A web-based application that allows students to book seats in the library in real-time
- Built with PHP, JavaScript, Tailwind CSS, and MySQL
- Helps manage seat availability, user bookings, and real-time status updates for efficient library resource management

PostNet

📅 06/2025 - present
PostNet

- A simple and dynamic blog web application built using Node.js, Express.js, and EJS
- Users can compose, view, and edit blog posts
- Data is rendered server-side using EJS templates

KEY ACHIEVEMENTS

📄 **Hackathon Participation**
Participated in Smart India Hackathon 2024 and progressed to the II round of Pixel Sync hackathon in OJASS conducted by my college

SKILLS

C++	CSS	EJS	Git
GitHub	HTML	JavaScript	PHP
PostgreSQL	Python	React	
REST	Tailwind	Node.js	
Express.js	C Programming		
MySql	Responsive Web		

TrendEdge – 20-DMA Based Investment Tracker

📅 06/2025 - present
A full-stack MERN-based investment web app that analyzes stocks and ETFs using 20-day moving average strategies

- Built with React.js, Node.js, Express.js, MongoDB, and Chart.js
- Implemented secure user authentication using JWT and user-specific dashboards.
- Backend engine computes 20-DMA to detect stocks 2% below or 5% above for buy/sell signals
- Integrated delayed stock data from public APIs and visualized trends with interactive charts

Project Links

- 🔗 [Digital Library Management System](#)
- 🔗 [Postnet](#)
- 🔗 [TrendEdge](#)