Naveen Sharma

Aspiring Data Scientist — Web Development Enthusiast

naveenthor27@gmail.com — 8084026171

in linkedin.com/in/naveen-sharma — ❸ Portfolio

Education

Kazi Nazrul University, Asansol   *2023 – 2027*
B.Tech in Information Technology

Jawahar Navodaya Vidyalaya, Giridih   *2022*
Senior Secondary (Class XII)

Projects

Automated Data Collection & Monitoring Platform   *Oct 2025 – Dec 2025*
Node.js, MySQL, Redis, REST APIs

- Engineered an automated system using **Node.js** and **MySQL** to schedule, scrape, and validate data from multiple external APIs.
- Implemented **Redis** for efficient job queuing and **WebSockets** to broadcast real-time alerts for data collection failures.
- Designed a structured MySQL schema to ensure data consistency during high-load scraping.

Real-Time Collaborative Data Dashboard   *Aug 2025 – Oct 2025*
React, TypeScript, Socket.io, MySQL

- Developed a live analytics platform allowing multiple users to visualize and filter datasets simultaneously using **Socket.io**.
- Optimized system performance by implementing **Node.js** streams to parse large CSV/Excel uploads without server lag.
- Secured user access using **Google OAuth 2.0** and **JWT** with refresh tokens for safe sessions.

Technical Skills

Programming:	C++ , Javascript ,Python (**Pandas, NumPy**), MySQL, MongoDB
Core Concepts:	Data Structures, Algorithms, Problem Solving, **Linear Algebra, Probability, Statistics**, DBMS
Data Analytics:	Data Collection, Data Cleaning, Data Transformation, Exploratory Data Analysis (EDA), Data Visualization, Statistical Analysis
Libraries & Frameworks:	React.js, Express.js, Socket.io, Tailwind CSS, Mongoose
Tools:	Git, GitHub, Postman, Tableau, Excel

Certifications

Deloitte Data Analytics Virtual Internship – Forage (May 2024)

Campus Involvement

- **GeeksforGeeks Campus Mantri(Technical Head)** – contributed to technical events, mentorship, and fostering a strong coding community at Kazi Nazrul University.

Languages

English (Professional), Hindi (Professional)