

# Nitin Goyal

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## Summary

Detail-oriented Developer & Data Analyst with hands-on experience in data preprocessing, analysis, and visualization. Proficient in Python, SQL, and BI tools, with a strong ability to transform raw data into meaningful insights for business and operational use .

## Skills

- **Frontend:** React.js, JavaScript , CSS, Tailwind CSS
- **Data analysis tools:** NumPy,Pandas,Jupyter
- **Backend:** Node.js, Express.js
- **CI/CD & Deployment:** Vercel, Render
- **Database:** MongoDB, SQL
- **Version Control:** Git, GitHub,
- **Visualization:** Power-BI, Tableau

## Projects

### SNAPSHOP- shop at a Snap (view)

- I Developed a full-stack Shopping Cart web application using MERN, enabling secure user authentication, product browsing and cart management with persistent sessions.
- Implemented JWT-based authentication and authorization improving API security and protecting user data
- Integrated RESTful backend APIs deployed on Render, and a responsive Vite-React frontend hosted on Vercel, configuring CORS, environment variables, and CI/CD deployment pipelines.
- Utilized MongoDB Atlas for cloud database storage and designed scalable data models to manage users, products, and cart operations efficiently.

### Airlines Data Analysis (view)

- Analyzed airline revenue data to identify profit drivers like occupancy rates and pricing strategies.
- Assessed booking trends and revenue patterns, revealing a 15% increase in ticket sales during July season,directly informing seasonal pricing strategies.
- Optimized aircraft performance, identifying 10% occupancy rate gains through revenue analysis.

### InsightCV- Data Driven Resume (view)

- Insight CV resume Builder – A full-stack MERN web app for creating dynamic, data-driven resumes with an integrated analytics dashboard.
- Features include user-friendly data entry, real-time charts (Recharts), responsive design, and PDF export for professional resumes.
- Developed complete front-end and back-end integration, enhancing skills in RESTful API design, MongoDB Atlas, and full-stack deployment.

## Education

### Bachelor of Technology (B.Tech) in Electronics and Computer engineering

J.C BOSE University of Science and Technology,YMCA (2022 - 2026)

Relevant Coursework: Data Structures, Algorithms, Web Development, Computer Networks

### Senior Secondary (XII)

Tagore academy public school, CBSE (2021 – 2022 )

**Percentage:** 91%