

# Saurabh Chaubey

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## Summary

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Passionate Computer Science student with a strong foundation in Python, Java, and SQL. Experienced in data engineering and data science through virtual internships with AWS and Altair. I am skilled in networking, cloud computing, and artificial intelligence fundamentals. Enthusiastic about developing innovative solutions through programming and analytics.

## Education

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**Galgotias University, Noida**, Bachelor of Technology in CSE, CGPA:

7.86 (till 4th semester)

## Internships

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**AWS Academy** – Data Engineering Intern

Developed scalable data pipelines using Python and AWS services.

Automated data processing workflows for efficiency.

Optimized data storage and retrieval strategies.

**Altair** – Data Science Master Intern

Applied data science techniques to solve real-world problems.

I am proficient in data preprocessing, statistical analysis, and predictive modeling.

Completed a project-based certification demonstrating effective data-driven solutions.

## Certifications

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Cisco Networking Academy Introduction to Packet Tracer (2024) Data

Science Master Virtual Internship – Altair (Oct – Dec 2024)

Networking Cloud Virtual Internship – Juniper (July – Sep 2024) Java

Foundation by Oracle (28 Jan 2024)

## Projects

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### Interactive Data Visualization Dashboard

An Interactive Data Visualization Dashboard project showcases your skills in data handling, UI/UX design, and real-time application development. It involves creating interactive charts and graphs for real-time data analysis, using technologies like React for the frontend and D3.js or Chart.js for visualizations. Use cases include business analytics, financial dashboards, and healthcare monitoring.

### Hostel/PG Finder App

The tech stack for a hostel/PG frontend project includes \*React or Next.js\* for building a dynamic and modular user interface, and \*Tailwind CSS\* for crafting responsive, modern designs quickly. To integrate location-based services, \*Google Maps API\* helps display hostel or PG locations and directions. For analytics and admin dashboards, libraries like \*Chart.js\* or \*Recharts\* are ideal. This stack supports building a real-time, interactive platform with booking, reviews, and facility management.

## Technical Skills

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**Proficiency:** Python, Java, SQL, HTML

**Moderate:** CSS, Cybersecurity Fundamentals, AI Fundamentals, Data Analytics

**Beginner:** Machine Learning (Basic Models, Data Processing)