

# SHUBHAM SINGH CHAUHAN

Data Science Specialist | Aspiring Data Scientist Lucknow, India | +91-7310347742 |  
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## SUMMARY

Results-oriented Data Science undergraduate (CGPA: 9.74) with strong proficiency in **Python, Scikit-learn, and Statistical Analysis**. Passionate about applying **Predictive Modeling** and **Data Visualization** to solve engineering and operational problems. Eager to join **Airbus** as a Data Science Intern to leverage skills in **Streamlit** dashboarding and machine learning to support Airframe Structures reliability and data-driven design solutions.

## EDUCATION

**Bachelor of Computer Applications (BCA) - Data Science** | Presidency University, Bangalore

- **CGPA:** 9.74 / 10.0 (Current)
- *Expected Graduation:* Aug 2027

**Senior Secondary (Class XII) - Science** | Jawahar Navodaya Vidyalaya, Bahraich

- **Percentage:** 80.6% | 2023

## TECHNICAL SKILLS

- **Core Languages:** Python, SQL, Java, C
- **Data Science & ML:** Pandas, NumPy, Scikit-learn, Statistical Analysis, Data Wrangling, Regression & Classification
- **Visualization:** Streamlit, Power BI, Matplotlib, Seaborn
- **Tools & Cloud:** Git, GitHub, Jupyter Notebook, Google Colab, MySQL
- **Emerging Tech:** Interest in NLP and Large Language Models (LLMs)

## PROJECTS

1. **Predictive Classification Model (Reliability Focus)** | Python, Scikit-learn, Pandas
  - Engineered a high-performance machine learning classification model achieving **85% accuracy**, demonstrating capability in identifying critical patterns in complex datasets.
  - Performed rigorous **Data Preprocessing** and **Feature Engineering** to handle missing values and outliers, ensuring data integrity for model training.
  - Optimized model parameters to balance precision and recall, a critical mindset for "safety-first" industries like aerospace.
2. **Interactive Data Analytics Dashboard** | Streamlit, Python
  - Developed a fully interactive web dashboard using **Streamlit** (Airbus preferred tool) to visualize real-time data trends.
  - Transformed raw data into actionable insights through dynamic charts and graphs, enabling non-technical stakeholders to make data-driven decisions.
  - Implemented efficient data pipelines using Pandas to handle large-scale data inputs with low latency.
3. **Student Workflow Automation (Open Source)** | Git, Cloud Technologies
  - Contributed to a cloud-based web application, enhancing workflow efficiency for a distributed user base.
  - Managed version control and collaboration via **Git & GitHub**, ensuring seamless code integration and deployment cycles.
  - Collaborated with a cross-functional team to refine features, demonstrating the communication skills required for the Airframe Structures team.

## CERTIFICATIONS

- **Python for Data Science** – NPTEL Certification
- **Employability Skill Training Programme** – Mahindra Pride Classroom
- **Competitive Programming:** Active solver on **LeetCode** (User: navneetsingh94520), consistently solving algorithmic challenges in Data Structures.
- **Academic Excellence:** Maintained a consistent top-tier CGPA (9.74) demonstrating strong analytical foundations.