

SHUBHAM SINGH CHAUHAN

Data Science Specialist | Aspiring Data Scientist Lucknow, India | +91-7310347742 | shubhamchauhan0019@gmail.com [LinkedIn](#) | [GitHub](#) | [Portfolio](#) | [LeetCode](#)

SUMMARY

Results-oriented Data Science undergraduate (CGPA: 9.74) with strong proficiency in **Python**, **Scikit-learn**, and **statistical analysis**. Skilled in building **predictive models**, performing **exploratory data analysis**, and creating **data visualizations** to support data-driven decision-making. Experienced in deploying insights through **Streamlit dashboards**.

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.