

AKSHAT KULSHRESTHA

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SUMMARY

Python developer skilled in Data Science & ML with hands-on project experience. A quick learner with strong **problem-solving and teamwork abilities**, eager to apply knowledge to real-world applications and grow in the tech industry.

EDUCATION

RAJA BALWANT SINGH ENGINEERING TECHNICAL CAMPUS

Affiliated to Dr. APJ Abdul Kalam Technical University, Lucknow (AKTU) Agra, UP

Bachelor of Technology in Computer Science (Graduated July 2025 CGPA - 6.5)

Relevant Courses: Web Technology, Computer Networks, Operating Systems, Algorithms, Database Systems

R.B PUBLIC SCHOOL AMAR VIHAR DAYALBAGH

Agra, UP

High School (2019) (60%) & Intermediate (2021) (80%)

TRAINING AND CERTIFICATIONS

Python & Machine Learning Intern

SoftPro India Computer Technologies | [Duration, July 2024 – September 2024]

- Completed 45 – Days internship at SoftPro India, worked on Python & AI/ML to develop predictive models and automate data processing workflows. Gained hands-on experience with **Python libraries** like Pandas, NumPy, Matplotlib, Seaborn, and Scikit-learn.
- Developed an **industry-based ML project**, implemented algorithms such as **Support Vector Machines (SVM) and Logistic Regression**.

Infosys Certification – Introduction to Data Science

Infosys Springboard | [February 2025]

- Gained foundational knowledge of **Data Science concepts**, including data collection, processing, and analysis.
- Learned essential techniques in **exploratory data analysis (EDA)**, **statistical methods**, and **data visualization**.

PROJECTS

Health Guard: Multiple Disease Prediction System

- Developed a disease prediction system using Python & ML, achieved 85% accuracy in diagnosis prediction.**
- Pre-processed and analysed medical datasets using **Python, Pandas, NumPy, and Scikit-learn**.
- Gained hands-on experience in **healthcare analytics, ML model deployment, and data preprocessing**.

Data Science Project: Netflix Data Analysis

- Developed a movie data analysis system using Python, Pandas, NumPy, Matplotlib, and Seaborn.
- Processed and analyzed 9,800+ movie records, extracting insights on popularity trends, vote counts, and genre distribution.
- Performed data cleaning, transformation, and feature engineering to ensure high-quality structured data.
- Built interactive visualization dashboards to analyze genre trends, content popularity, and user engagement patterns.
- Applied categorization, outlier detection, and statistical analysis to improve dataset usability and accuracy

SKILLS

Python, Machine Learning, Data Analysis, Python Development, Model Deployment, Pandas, NumPy, Scikit-learn, Database Management, Data Visualization (Matplotlib, Seaborn), REST APIs, Django, HTML, CSS, JavaScript, SQL, Git/GitHub, Data Science, Data Structure & Algorithms, Application, Application Development, BASIC, Best Practices, Debugging, Information Technology, Software Development, Testing, Work Collaboratively.

ADDITIONAL

- Treasurer/Designer in My College Society “Aarohan” (The Computer Society).
- Developed **leadership, teamwork, and strategic thinking** through participation in college and local tournaments, actively contributing to team success.
- Enhanced **collaboration, problem-solving, and quick decision-making** through team-based competitive activities.