

Saurabh Singh

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EDUCATION

Gurukul Kangri University
B.tech in Computer Science
CGPA: 7.8

Haridwar, Uttarakhand
Expected Graduation, May 2025

PROFILE SUMMARY

Dynamic and results-driven Computer Science student specializing in **Data Science, Machine Learning, and Flutter Development**. Skilled in **data visualization, algorithms, and data cleaning** with a proven track record of delivering innovative, high-impact solutions. Passionate about leveraging technology to solve real-world problems and driving measurable results.

PROFESSIONAL EXPERIENCE

Virtual

Intern

Edu-Net Foundation | Duration: 1 Month

- Developed educational materials and conducted data analysis, increasing resource efficiency by 20%.
- Designed visually appealing dashboards using Python libraries like Matplotlib and Seaborn to improve user engagement.
- Collaborated remotely, utilizing modern project management tools to ensure timely delivery.

PROJECTS

Movie Recommendation Engine

Apr 2024 – May 2024

Created a recommendation system analyzing 500+ user profiles and 1,000+ search histories to deliver personalized suggestions.

Responsibilities:

- Built a scalable data pipeline using Python libraries such as Pandas and Numpy.
- Deployed cosine similarity algorithms to enhance recommendation accuracy by 35%.
- Designed an interactive user interface using Streamlit, boosting user satisfaction.
- Visualized data insights using Matplotlib and Plotly, improving comprehension for stakeholders. Data Visualization Dashboard

Data Visualization Dashboard

Developed a dashboard showcasing statistics for 29 Indian states, accessed by 500+ users.

Responsibilities:

- Processed large datasets to ensure 98% data accuracy and reliability.
- Created dynamic visualizations with Matplotlib and Seaborn, facilitating data-driven decisions.
- Designed an intuitive interface for seamless user navigation and interaction.

Blissful-Buddy Chatbot

Built a chatbot supporting career guidance and mental health, managing 200+ weekly interactions.

Responsibilities:

- Developed conversational flows using Google Dialogflow, achieving 90% accuracy in intent recognition.
- Integrated Firebase to securely handle user data and optimize interaction storage.
- Improved user engagement by 25% through front-end development with HTML, CSS, and JavaScript.

ACADEMIC ACHEIVEMENTS

Winner, SMART INDIA HACKATHON 2023 | 1st Place among 20+ teams.
Exclusive Shortlist, Informatica Data-Engineering Hackathon (Top 1500+ participants).
Advanced to 3rd Round, Flipkart Grid 5.0 Challenge.
Participated in ISRO Antariksha Challenge, showcasing innovation in data engineering.

SKILLS

Programming: C, C++, Python, Dart
Frameworks & Tools: Flutter, Flask, Google Dialogflow, Firebase, Netlify, MS Office, Google Workspace
Data Visualization: Matplotlib, Seaborn, Plotly
Database: SQL, MySQL
Cloud Platforms: AWS, Azure, IBM Cloud, Firebase
Core Concepts: Data Structures & Algorithms, Statistics, Probability, AI/ML, NLP, Linear Regression
Version Control: Git

LEADERSHIP & EXTRACURRICULARS

Co-founded *Communicode*, a coding club that mentors 200+ students
Organized Annual Technical Fest (Jnanagni), managing a crowd of 3,000+ students.

KEYWORDS

Data Science, Machine Learning, Flutter, Python, SQL, MySQL, Firebase, IBM Cloud, AWS, Data Visualization, AI/ML, NLP, Innovation, Scalability