

Ranveer Kumar

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Data Science enthusiast with a strong academic background in mathematics and computer science, experienced in data analysis, machine learning, and proficient in Python and SQL. Achieved a global rank of 150 in CodeChef's Sep23D, solving 800+ questions across LeetCode, CodeChef, GeeksforGeeks, and HackerRank. Committed to utilizing data-driven insights to solve complex real-world problems.

EXPERIENCE

Sabudh Foundation

Jun. 2024 – Present.

Data Science Intern

Punjab, India (remote).

- **Data Analysis & ML:** Visualized data with Matplotlib, Seaborn, Plotly; developed models with Scikit-Learn, improving forecast accuracy by 5%.
- **Automation & Efficiency:** Automated data collection, managed databases, and enhanced efficiency by 25%.

Alphanumeric Ideas

Jun. 2023 – Jul. 2023.

Web Developer Intern

Punjab, India (on-site).

- **Front-End Development:** Built responsive web pages with HTML, CSS, and JavaScript, improving usability by 15% and reducing load times by 6%.
- **Data Schema Design:** Optimized data flow and organization, enhancing efficiency by 5% through automation.

SKILLS

- Languages and Tools : Python, C/C++, SQL, HTML/CSS, Tailwind CSS, GitHub, Git, Windows, Linux.
- Libraries & Frameworks : Numpy, Pandas, Matplotlib, Seaborn, Plotly, PySpark, Sk-Learn, Flask, Streamlit.
- Data Science & Machine Learning : Data gathering, Power BI, Data cleaning, EDA, Feature engineering, Feature selection & Extraction, Supervised and Unsupervised learning algos.
- Mathematics for ML & DL : Statistics, Probability, Linear algebra, Matrices.
- Databases : MySQL.
- Development Tools : Vs Code, Jupyter Notebook, Google Colab.
- Problem Solving : Data Structures and Algorithms, Competitive Programming.
- Project Management : Agile Methodologies, Team Collaboration, Leadership.

PROJECTS

Match My Mansion (Real-State web app) : [GitHub](#)

- Enhanced Decision-Making: Integrated predictive **analytics** and personalized **recommendations**, achieving a 8% increase in informed real estate decisions and a 10% improvement in investment outcomes.
- Comprehensive Technology Integration: Utilized **Flask** for web development, **HTML** and **Tailwind CSS** for front-end design, **Random Forest algorithms** for price prediction, and **Selenium** and **BeautifulSoup** for data gathering, all managed with **MySQL** for secure data handling.

Automated Attendance System: [GitHub](#)

- Operational Efficiency: Implemented facial recognition and **real-time monitoring**, increasing attendance tracking efficiency by 40%.
- Data Management: Achieved 95% success in attendance tracking with the **Harkescade algorithm**, ensuring 99.9% data integrity using **MySQL**, **Python**, and **Machine Learning**.

Ask-Me (Chat With Website) : [GitHub](#)

- Effective Interactive tool for chatting with website content using **web scraping** and **Hugging Face conversational AI**.
- Provides real-time answers and insights from website data in a user-friendly chat format.

ROLES AND RESPONSIBILITY

- President of Compuwave Society Jan 2024 – Present.
- Genarel Secoraty at Compuwave Society Oct. 2022 - Dec. 2023.
- Tech Lead at ISTE Apr 2022 – Present.
- Event Head (The smart Hackathon “2023”) Jan. 2023 - Feb. 2023.

EDUCATION

Shaheed Bhagat Singh State University.

Sep. 2021 – May 2025.

Bachelors of Technology : - Computer Science , CGPA: 7.5

Ferozepur , Punjab.

- **Coursework:** Data Structures, Algorithms, DBMS, Computer Networks, Project Management.

CERTIFICATION

- Machine Learning : Udemy (Python, TensorFlow, Scikit-Learn). [Link](#)
- Google Cloud: Udemy (Google Cloud Platform, BigQuery). [Link](#)
- Linux: Udemy (Linux System Administration). [Link](#)
- NCC: NCC B certificate holder with 'B' grade. [Link](#)
- Secured 3rd position in the NCC Inter-Group Sport Shooting Competition 2023, Ludhiana. [Link](#)