AKASH KUMAR

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 LinkedIn

Technical Skills

Programming: Python, SQL, R, Java, HTML, CSS
Data Structures & Algorithms: Problem-solving, Competitive Programming
Data Analysis & Visualization: Pandas, NumPy, Matplotlib, Seaborn, Power BI, Tableau, Excel
machine learning: scikit-learn, OpenCV, Model Training Evaluation
deep learning: ANN,RNN,CNN
Databases: MySQL, PostgreSQL
FrameWork: Flask, Streamlit , FastAPI, Django
Others: Web Scraping (BeautifulSoup, Selenium), APIs, Git, NLP

Education

Maharshi Dayanand University, Rohtak   *June 2022 – June 2026*
B.Tech in Computer Science and Engineering (AIML)
CGPA: 8.07
B.B.N.COLLEGE, GOPALGANJ   *April 2019 – March 2021*
BSEB (Class XII) – Percentage: 78.8%

Projects

Face Recognition Attendance System   *Source Code*
- Automated attendance system using OpenCV for real-time face recognition.
- Integrated with a database for secure and efficient attendance tracking.
- Designed user-friendly interface for smooth adoption in academic environments.

Whatsapp Chat Analyzer   *Source Code*
- Python-based tool to analyze and extract insights from WhatsApp chat data.
- Implemented text processing using pandas, regex, and Streamlit.
- Visualized chat statistics including message frequency, most active users, and word clouds.

Automated Email Sender   *Source Code*
- Python system to automate email sending using SMTP.
- Deployed on PythonAnywhere for 24/7 operation.
- Added scheduling feature for periodic email delivery with attachments.

Virtual Mouse Controller   *Source Code*
- Hand-tracking-based Virtual Mouse using MediaPipe, OpenCV, and NumPy.
- Enabled control of mouse cursor and volume using finger gestures.
- Implemented smooth gesture recognition with real-time responsiveness.

Awards & Achievements

- Competitive Programming: **4★ CodeChef**, **4★ GFG**, **LeetCode(350+ questions solved)**.
- 2nd Rank - GeekHub Hackathon: Won 2nd prize for Face Recognition Attendance System.
- 1st Rank - Carrom (Sportech): Achieved top position in college sports fest.

Certifications & Courses

- **100 Days of Python (Udemy)** – Completed full-stack Python programming course (Angela Yu).
- **CampusX Data Science Mentorship Program** – Hands-on projects in ML, Data Analysis, and Visualization.