Muskan Gusain

• Dehradun, Uttrakhand |**Phone:** +91-9389953022 | **Email** | LinkedIn | GitHub

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Professional Summary

Detail-oriented MCA student with a strong foundation in Machine Learning, Web Development, and Data Structures & Algorithms. Hands-on experience in building AI-driven systems, full-stack web applications. Proven problem-solving and leadership skills through various projects and internships. Eager to contribute to dynamic teams and innovative projects.

EDUCATION

Uttaranchal University, Dehradun, Uttarakhand. 2024

- **Master of Computer Applications (MCA)**   CGPA: 8.09/10
  Uttaranchal University — Dehradun | 2023 – Present
- **Bachelor of Science (BSc)**
  PNGPG Kumaun University — Nainital | 2020 – 2023
- **High School & Intermediate**
  Uttarakhand Board of School Education | First Division

SKILLS

Technical Skills:
- **Programming Languages**: Python, Java, C++, JavaScript
- **Web Development**: React.js, Node.js, Express.js, Flask, HTML5, CSS3, Bootstrap
- **Databases**: PostgreSQL, MySQL, MongoDB
- **Data Structures & Algorithms**: Arrays, Trees, Graphs, Dynamic Programming
- **Version Control**: Git, GitHub
- **Networking**: TCP/IP, HTTP,
- **Operating Systems**: Unix/Linux, Windows

Soft Skills

- **Leadership and Teamwork**
- **Adaptability and Problem-solving**
- **Attention to Detail**
- **Time Management**
- **Strong Communication**

EXPERIENCE

Machine Learning Intern
Acmegrade | June 2024 – August 2024

- Worked on developing and training machine learning models for **predictive analytics**.
- Improved the accuracy of classification models using **TensorFlow** and **Scikit-learn**.
- Assisted in deploying **ML models** to production environments on **AWS**.
- Worked closely with the senior data science team to refine models for performance improvements.

PROJECTS

Automated Student Attendance System Using Facial Recognition

OpenCV, Python, SQL

- Developed a **facial recognition-based attendance system** using **OpenCV** and the **FaceDB dataset** for efficient tracking.
- Implemented ML algorithms to enhance recognition accuracy and integrated a database to store attendance data.

Online Reservation and Resource Management Portal
HTML, CSS, JavaScript, SQL

- Designed and implemented a platform that allows users to book resources and manage reservations, optimizing resource allocation.
- Developed a **user-friendly interface** using HTML/CSS and implemented backend data management in **SQL**.

CERTIFICATIONS

Machine Learning Certification – Acmegrade (2024)
Foundations: Data, Data, Everywhere – Coursera
Python for Data Science and AI – Coursera
Research Paper Published – In 2024