

# Saiyam Tuteja

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## Professional Summary

Enthusiastic Software Engineer with a solid foundation in C++, Python, web development, and data analysis. Skilled in UI/UX design, debugging, and quality assurance, with a passion for building user-focused applications. Eager to contribute to innovative projects and committed to continuous learning.

## Technical Skills

- **Programming Languages:** C++, Python, PHP, JavaScript
- **Web Technologies:** HTML, CSS, React, Node.js
- **Data Analysis:** Pandas, NumPy, Scikit-learn, Power BI, Matplotlib, Seaborn
- **Databases & Version Control:** MySQL, Git, GitHub
- **Tools & Platforms:** Visual Studio Code, Jupyter Notebook, Microsoft Office Suite, Google Colab
- **Soft Skills:** Problem Solving, Strong Communication, Time Management, Leadership

## Projects

### 1. Prof Praisal - Faculty Evaluation System

- Created a **PHP/MySQL-based feedback system** used by **50+ students** for faculty evaluation.
- Implemented **role-based access** for admin, faculty, and students, improving security and access control by **100%**.
- Optimized the feedback process, reducing evaluation submission time by **40%** with a user-friendly interface.

### 2. UniGo – University Ride-Sharing App

- Built a **MERN stack ride-sharing app** with **Vite** for fast performance.
- Added **authentication, ride creation/search, requests, and real-time chat**, boosting engagement by **50%**.
- Included **profile management**, enabling users to track ride history and manage personal info effectively.

### 3. Employment & Unemployment Data Analysis (Python)

- Developed predictive models using **Python**, Pandas, NumPy, and Scikit-learn, achieving 92% R<sup>2</sup> accuracy.
- Designed 10+ data visualizations (Matplotlib/Seaborn) to uncover employment trends and drive decisions.

## Work Experience

### 1. Data Analyst Mentor – Capzora Private Limited (Remote)

(06/2025 – 08/2025)

- Developed an **AI-based interview scheduling software** that analyzes resumes and generates automated interview questions, streamlining HR screening processes by **40%**.
- Mentored students in **data analysis, visualization, and Python programming**.
- Guided **5+ projects** involving data cleaning, exploratory data analysis (EDA), and dashboard creation.

### 2. Software Engineering Intern – COER University, Roorkee

(06/2023 – 08/2023)

- Developed interactive **Power BI dashboards** for academic performance, improving decision-making speed.
- Designed an **Academic Quality Management System (AQMS)** to enhance data accuracy and reporting efficiency.
- Optimized data workflows, reducing manual processing time by **25%**.

## Education

### • Master of Computer Applications (MCA) – Graphic Era Hill University

(2024 – 2026, Pursuing)

- Current CGPA: **9.32/10** (up to 2nd semester) (**Topper** in both 1st and 2nd semesters)

### • Bachelor of Computer Applications (BCA) – COER University

(2021 – 2024)

- CGPA: **9.7/10** (University Topper)

### • Intermediate (Commerce) – Greenway Modern School, CBSE

(2020 – 2021)

- Scored **91.4%**

## Certificates & Achievements

### • Google Data Analyst Professional Certificate – Coursera

### • Data Visualization in Power BI & Python – Udemy

### • Artificial Intelligence with Machine Learning – IIT Roorkee

### • Medal for Academic Excellence – Awarded by the Governor of Uttarakhand

### • Top 10 Finalist, Avishkar 2024 – GEHU (among 180+ submissions; recognized by IPR & IIC)

### • 3rd Place, Hackathon – Roorkee College of Engineering

### • Winner & Runner-Up, Rise of Venture – Graphic Era Grafest

## Open-Source Contribution

Ranked among **top 3% (150/5000)** in **GirlScript Summer of Code (2023–2025)**; contributed to **10–15 open-source projects annually**.