

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

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| <ul style="list-style-type: none">Programming Languages: C++, Python, PHP, JavaScriptWeb Technologies: HTML, CSS, React, Node.jsData Analysis: Pandas, NumPy, Scikit-learn, Power BI, Matplotlib, Seaborn | <ul style="list-style-type: none">Databases & Version Control: MySQL, Git, GitHubTools & Platforms: Visual Studio Code, Jupyter Notebook, Microsoft Office Suite, Google ColabSoft Skills: Problem Solving, Strong Communication, Time Management, Leadership |
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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% R² 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

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| <ul style="list-style-type: none">Master of Computer Applications (MCA) – Graphic Era Hill UniversityCurrent CGPA: 9.32/10 (up to 2nd semester) (Topper in both 1st and 2nd semesters) | (2024 – 2026, Pursuing) |
| <ul style="list-style-type: none">Bachelor of Computer Applications (BCA) – COER UniversityCGPA: 9.7/10 (University Topper) | (2021 – 2024) |
| <ul style="list-style-type: none">Intermediate (Commerce) – Greenway Modern School, CBSEScored 91.4% | (2020 – 2021) |

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.