

Suraj Gupta

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Education

Dr. D. Y. Patil Vidyapeeth, Pune Master of Computer Applications	2025 – 2027 Pursuing
Integral University, Lucknow Bachelor of Computer Applications	2022 – 2025 GPA: 9.7/10.0
Jay Bajrang Inter College, Chandauli Intermediate UP Board	2019 – 2021 Percentage: 75.2%
Universal Public School, Chandauli High School CBSE	2017 – 2019 Percentage: 79.4%

Skills

Languages: Python, SQL

Databases: MySQL, PostgreSQL, MongoDB

Libraries: Pandas, NumPy, Matplotlib, Seaborn, Bokeh, Plotly

Frameworks: Flask, Django, Scikit-learn

Tools & Technologies: Power BI, Excel, Word, Canva, Google Sheets, AWS

Core Competencies: Machine Learning, Statistics, Cloud Computing, Data Modeling, Data Visualization, Data Analysis, Problem Solving, Critical Thinking

Projects

Academic Project Management System (APMS)

Developed and deployed a **real-time project management platform** for college use with **JWT-based authentication**, **role-based access**, and **real-time notifications**, improving project tracking and coordination.

Placement Preparation Portal (Ongoing)

Developing a **Flask-based web portal** to help students prepare for placements, featuring **login/registration**, **aptitude tests**, **coding test**, **interview preparation**, **resume guide** for personalized guidance.

Exploratory Data Analysis (EDA) Projects

- Flight Price EDA: Analysed flight pricing trends by airline, stops, and city using Pandas & Seaborn.
- Travel Data EDA: Identified top traveller demographics and key factors influencing package adoption.
- Google Play Store EDA: Explored how app size, type, and category affect user ratings.
- HR Analytics EDA: Examined attrition trends and correlations between job roles, salary, and experience.
- Chronic Disease EDA: Visualized disease patterns by age and gender using health datasets.
- Student Performance EDA: Found factors impacting academic performance and grades.
- Employer Data EDA: Cleaned and analysed a 350K+ row US labour dataset to reveal employment trends.

Certifications

Data Science & Analytics Course – CoderOne

Data Structures using C Programming- IUCAT

Python- Udemy

R Programming- IUCAT

Operating System Algorithms with UNIX Commands- IUCAT

Extra-Curricular Activities

- **1st Place** – CTF (Capture the Flag) Competition
- **5th Place** – Internal Hackathon
- **1st Place** – Code Gauntlet Coding Challenge
- **3rd Place** – Kahani Apki Jubani (Storytelling Competition)

Languages

Hindi (Native), English (Proficient), German (Beginner)

Hobbies

Gaming | Teaching | Travelling | Exploring and Learning