

SHIVAM RAJ GUPTA

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Technical Skills

Languages: Python, JavaScript, C++, HTML/CSS, LaTeX, SQL

Python Libraries: Pandas, Numpy, Matplotlib, Seaborn, Plotly, Tkinter

Excel: Pivot Table, Pivot Charts, Power Query, LOOKUP, VLOOKUP, HLOOKUP, XLOOKUP, INDEX and MATCH

Tools: MS Office, WordPress, VS Code, Git & GitHub

Experience

Vice-Chancellor Internship Scheme, University of Delhi

Nov 2024 – May 2025

Administrative Intern

North Campus, New Delhi

- Collected, organized, and validated large datasets to ensure accuracy and completeness for administrative and academic decision-making.
- Cleaned and formatted raw data to remove inconsistencies, duplicates, and missing values, improving data usability and reporting quality.

Principal Internship Scheme - Shivaji College, University of Delhi

June 2024 – July 2024

Administrative Intern

New Delhi

- Supported daily administrative operations by preparing and organizing data, maintaining records, and streamlining document management processes to ensure efficiency and accuracy.
- Handled official documentation and correspondence related to admissions, recruitment, and internal communications, ensuring timely processing and professional coordination across departments.

Web Development

July 2024

Freelance

New Delhi

- Designed and developed a fully functional website (udgeet.in) for the Literary Institution Udgeet using WordPress and Elementor, ensuring a responsive and user-friendly interface.
- Optimized the website for performance, SEO, and mobile responsiveness to enhance user experience and visibility.

Projects

Computer Science Society Website – Shivaji College | *Next.js, React, JS, Tailwind, MongoDB*

April 2025

- Built and deployed a responsive full-stack web app using Next.js, React, and Tailwind CSS on Vercel.
- Developed an event management system with MongoDB, secure admin dashboard, REST APIs, and added Analytics Dashboard.
- Automated emails using Nodemailer, added backend checks for validation and duplicates.

Student Desktop Application with User and Admin Dashboards | *Python, SQLite, Tkinter*

November 2024

- Built a Python desktop app with CustomTkinter UI and SQLite for efficient local storage.
- Implemented secure OTP-based authentication for login and password recovery via email.
- Designed user/admin dashboards for streamlined student data access and management.

Sales Data Analysis Using Python | *Python, OS, Pandas, matplotlib*

April 2024

- Analyzed sales data using Pandas and Matplotlib to identify revenue trends and peak sales periods.
- Extracted insights on top cities, optimal ad timing, and customer purchase patterns.
- Identified opportunities for product bundling and highlighted best-selling products.

Sales Data Cleaning Using SQL | *SQL Server*

March 2024

- Cleaned and prepared data in SQL Server by removing headers, NULLs, duplicates, and correcting data types.
- Manipulated data using SQL queries and CTEs for efficient filtering and transformation.
- Engineered features like City, Sales, and Hour columns to enable geographical and time-based sales analysis.

Education

Department of Operational Research, University of Delhi

Aug 2025 – Present

Master of Operational Research

New Delhi, India

Shivaji College, University of Delhi

Nov 2022 – Aug 2025

Bachelor of Science (B.Sc.) in Computer Science

New Delhi, India

Certifications

- Advanced Excel with Visualization - IIT Kanpur
- Data Analyst Bootcamp Certification
- HackerRank Python Basics
- LaTeX for Academic Writing
- HackerRank Problem Solving Basics
- HackerRank SQL Basics