

SAHIL SHRIVASTAVA

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Indore, Madhya Pradesh - 452010, India

SUMMARY

Results-driven Computer Science undergraduate currently transitioning toward Python-based data analysis, with hands-on experience in Excel automation using Pandas/NumPy/openpyxl. Skilled in data cleaning, report generation, and building reliable software solutions, supported by a background in full-stack development and strong documentation, debugging, and end-user support.

EXPERIENCE

• GGSOC 25 | GirlScript Summer of Code

July 2025 - September 2025

Open Source Contributor

- Collaborated with contributors to understand requirements, debug issues, and deliver features aligned with project goals.
- Designed and developed responsive user interfaces with modern UI libraries, ensuring cross-browser compatibility and smooth user interactions.

EDUCATION

• Shri Vaishnav Vidyapeeth Vishwavidyalaya

2022 – 2026

Btech in CSE | CGPA: 7.44 / 10

Indore, India

PROJECTS

• Excel Report Automation using Python (Pandas)

Jan 2026 – Present

Tools: Python, Pandas, NumPy, openpyxl, MS Excel



- Automated repetitive Excel reporting tasks by replacing manual Pivot Tables and formula-based summaries with Python scripts.
- Implemented data cleaning (missing values, type fixes), aggregations (groupby), and exported structured summary reports back to Excel.
- Wrote reusable functions and clear documentation to make scripts easy for non-technical users to run and validate.

• Vertex AI: AI Career Coach Platform

Mar 2025 – June 2025

Tools: Next.js, Shadcn UI, Prisma, SQL, Clerk Auth, Gemini API



- Built an **AI-driven career platform** using **Next.js** and **shadcn/ui**, integrating **resume and cover letter generation** with the **Gemini API**.
- Developed a personalized **learning ecosystem** with adaptive quizzes and intelligent content workflows to enhance user engagement.
- Secured the backend using **Prisma ORM**, **Neon PostgreSQL**, and **Clerk Auth**, implementing **RBAC** and query optimization.

SKILLS

- **Languages:** Python, C++ (DSA), JavaScript, SQL, NoSQL
- **Technologies:** Pandas, NumPy, openpyxl, MERN Stack, Tailwind CSS, HTML5,
- **Tools:** MS Excel, MS Powerpoint, Git, GitHub, Postman, VS Code
- **Strengths:** Communication, Logical Reasoning, SDLC, REST APIs, Collaboration

ACHIEVEMENTS

- Secured **Top 10 position** in a department-level **coding competition** focused on DSA and logic building.
- Secured a **Gold Medal** in an **Inter-College Dance Competition** as **Head of Nataraj Club**, leading team coordination, choreography, and performance excellence.

CERTIFICATIONS

• Postman API Certified

[Link](#)

• C++ Certification from IIT Kharagpur

• DBMS Certification from IIT Kharagpur