

# AASHITA CHAVHAN

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## SUMMARY

Aspiring Software Developer with a strong foundation in programming and software development, specializing in Python, Java, and C++. Proficient in object-oriented programming, developing innovative software solutions, testing applications, and creating detailed documentation. Currently pursuing a B.Tech in Computer Science Engineering with an impressive academic record (CGPA: 9.13). Passionate about leveraging technical skills to support automation, optimize processes, and contribute to cutting-edge projects in dynamic environments.

## TECHNICAL SKILLS

- **Programming Languages:** Python, Java (Basics), C/C++ (Basics)
- **Libraries and Frameworks:** NumPy, Pandas, Matplotlib
- **Databases:** MySQL, MongoDB (Basics)
- **Software Development Skills:** Object-oriented programming, Software testing, Application development
- **Data Manipulation and Analysis:** Data cleaning, Data analysis and visualization
- **Tools:** Jupyter Notebook, VS Code, MongoDB Compass
- **Problem-Solving:** Analytical thinking

## PROJECT

### CO2 and Greenhouse Gas Emissions Analysis

**Description:** Conducted data analysis and visualization on a dataset of CO2 and greenhouse gas emissions to identify trends and patterns across countries, years, and sectors.

**Technologies Used:** Python, Pandas, Matplotlib, NumPy, SQL

#### Key Highlights:

- Processed and cleaned the dataset for accurate analysis.
- Created visualizations to highlight emission trends and their impact.
- Demonstrated practical knowledge of data manipulation and visualization techniques.

## EDUCATION

- **Bachelor of Technology (B.Tech) in Computer Science Engineering**  
Medicaps University, Indore  
Current CGPA: 9.13 | SGPA (5th Semester): 9.26  
Expected Graduation: 2026
- **Senior Secondary (12th Grade) CBSE**  
Alpine Academy, Indore | 2022 | 90%
- **Secondary (10th Grade) CBSE**  
Alpine Academy, Indore | 2020 | 83%

## ADDITIONAL INFORMATION

- **Languages:** English, Hindi, Marathi
- **Certifications:** Base builder series by STIC CLUB, IEEE data analytics hands on workshop, Visualization using python by STIC Club
- **Soft Skills:** Quick Learner, Adjustable, Time management, Teamwork