

Sanskriti Agarwal

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SUMMARY

Results-oriented Software Developer with a strong foundation in Java, Python, and Data Structures and Algorithms. Experienced in Machine Learning and Frontend Web Development. Proven ability in Agile methodologies, SDLC, GIT and analytical skills. Eager to contribute to cutting-edge projects.

EDUCATION

VIT Bhopal University

B.Tech in Computer Science & Engineering

CGPA: 9.23/10

Bhopal, Madhya Pradesh

Jul 2022 - May 2026

12th Standard, CBSE

Sanskar Public School

Cumulative Percentage: 90%

Jhansi, Uttar Pradesh

April 2022

10th Standard, CBSE

Sun International School

CBSE Cumulative Percentage: 97.8%

Jhansi, Uttar Pradesh

March 2020

PROFESSIONAL EXPERIENCE

Siddhast Intellectual Property Innovations

Dec 2024 – Feb 2025

- Led code reviews and conducted deep-dive debugging, ensuring 100% issue resolution and optimized performance.
- Presented project outcomes to stakeholders, highlighting **innovative solutions**.

PROJECTS

WattSmart

Jan 2024 – Present

- Developed an innovative energy-saving solution that helps users reduce their energy consumption and costs.
- Included features like PDF Data Extraction, appliance detail input, Predictive analytics, interactive energy dashboard.

Expense Income Tracker

Mar 2024 – May 2024

- Improved financial decision-making by enabling users to identify areas for savings and investment.
- Implemented features such as adding, deleting expenses, generating graphical reports for monthly and yearly spending trends and exporting data to CSV for further analysis.

Cardiovascular Disease Prediction

Jul 2023 - Aug 2023

- Enhanced healthcare decision making and improved early detection of heart disease.
- Performed data preprocessing, feature engineering, model development and training, model evaluation and deployment.

SKILLS

- Technical Skills-** Python, C++, Java, SQL, HTML, CSS
- Soft Skills-** Teamwork, Communication, Leadership, Time Management, Problem Solving
- Other-** Object Oriented Programming(OOP), Data Structures and Algorithms, Responsive Web Design

CERTIFICATIONS

- Python for Data Science, AI, and Development - IBM [Jan-Mar 2023]
- The Bits and Bytes of Computer Networking - COURSERA [Oct-Dec 2023]
- Cloud Computing Course - SWAYAM NPTEL [Jan-Apr 2024]

ACHIEVEMENTS

- 5 star in java and 5 stars in python on HackerRank
- Completed 120 questions on Leetcode

EXTRACURRICULAR ACTIVITIES

- Part of the AIESEC foreign exchange program
- Actively engaged in national and international MUN conferences, earning recommendations.
- Volunteered in InAmigos Foundation as a graphic designer and created content.
- Technical Member(AI Club, VIT Bhopal)
 - Led event execution, designed engaging content boosting visibility by 15%, and enhanced audience engagement through voiceovers and podcast editing.