

# Sanskriti Agarwal

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[LinkedIn](#) [Github](#)

## SUMMARY

Results-oriented Software Developer with a strong foundation in C++, Python, and Data Structures and Algorithms. Experienced in Machine Learning and Frontend Web and App Development. Proven ability in SDLC, OOPS, OS, CN 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

### 12<sup>th</sup> Standard, CBSE

Sanskar Public School

Cumulative Percentage: 90%

Jhansi, Uttar Pradesh

April 2022

### 10<sup>th</sup> Standard, CBSE

Sun International School

CBSE Cumulative Percentage: 97.8%

Jhansi, Uttar Pradesh

March 2020

## INTERNSHIP

### Software developer | Siddhast intellectual property innovation, Delhi

Dec 2025 – Feb 2025

- Debugged and identified errors in software systems, ensuring optimal performance and stability.
- Developed a Payroll Management System for Android using Java in Android Studio, providing secure user authentication (login/signup) with Google Firebase.
- Implemented core functionalities including employee management (add/view), payslip generation, and transaction tracking.

## PROJECTS

### Khabar

Jan 2025 – March 2025

- Developed an Android news application, featuring dynamic news feed across various categories using Java and Android Studio.
- Boosted productivity by offering a news summary feature, allowing users to save time while staying informed.
- Implemented a user-friendly interface with a navigation drawer for seamless category selection and customizable settings (e.g., number of items, order by, color theme, text size).

### Cardiovascular Disease Prediction

Jul 2023 - Aug 2023

- Developed a Cardiovascular Disease Prediction model to identify at-risk individuals, leveraging machine learning techniques for early detection and improved patient outcomes.
- Performed data preprocessing and feature engineering to prepare complex medical datasets for model training.
- Implemented and evaluated multiple classification algorithms, including Naive Bayes, Logistic Regression, SVM, K-Nearest Neighbours (KNN), and Random Forest, to validate predictive capabilities and reliability.
- Utilized Gaussian Kernel techniques for improved model generalization and applied Grid Search for hyperparameter tuning, increasing model accuracy 21%.

## SKILLS

- **Technical Skills-** C++, Python, Java, MySQL, HTML, CSS
- **Technical Platforms-** VSCode, PyCharm, GitHub, Anaconda, Android Studio, Power BI, Jupyter, Collab, Eclipse
- **Soft Skills-** Teamwork, Communication, Leadership, Time Management, Problem Solving
- **Other-** Object Oriented Programming(OOP), Data Structures and Algorithms, Responsive Web Design

## CERTIFICATIONS

- [MySQL 8.0 Database Developer Oracle Certified Professional](#) [June 2025]
- [Cloud Computing Course- SWAYUM NPTEL](#) [Jan-Apr 2024]

## ACHIEVEMENTS

- 5 star in C++ 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.
- 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.
- Zonal Level Swimming Champion