

Sachin Sharma

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Education

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| Vellore Institute of Technology, Bhopal <i>Bachelor of Technology in Computer Science (CGPA: 8.22)</i> | Expected May 2026 Bhopal, Madhya Pradesh |
| Royal Public Senior Secondary School <i>XIIth Science Stream (Percentage: 87.6)</i> | March 2022 Gurugram, Haryana |
| Royal Public Senior Secondary School <i>Xth (Percentage: 91.6)</i> | March 2020 Gurugram, Haryana |

Projects

Aushadhcare (App Development) | Java, Android SDK, Android Studio

- Developed a healthcare app with 75% accuracy in predicting diseases by analyzing blood reports and identifying patterns.
- Implemented a user-centered design to ensure an intuitive and seamless experience for users.
- Integrated core features such as Login, Doctor Consultation, and Appointment Booking.
- Led design and development phases with a focus on system analysis.

All About Coding (Web Development) | HTML, CSS, JavaScript, REST APIs

- Designed an interactive website to help developers learn essential DSA concepts systematically.
- Covered key topics such as Arrays, Linked Lists, Trees, Graphs, and more.
- Implemented features like Topic Navigation, LeetCode Profile Fetching, and Additional Coding Resources.
- Led development and content structuring to enhance user learning experiences.

Movie Recommendation System (ML) | Python, NLP, NLTK, Streamlit

- Built a movie recommendation system using the TMDB 5000 dataset with content-based filtering.
- Applied NLP techniques like tokenization and stemming to process movie data.
- Calculated cosine similarity to identify and rank similar movies.
- Deployed the system with an interactive UI using Streamlit.

Technical Skills

Programming Languages: C/C++, Java, Python, JavaScript, SQL

Framework/Technologies: Node.js, Android SDK, REST APIs

Concepts: Data Structures and Algorithms, Object-Oriented Design, Operating System, Artificial Intelligence, Database Normalization

Tools: GitHub, Git, Visual Studio Code, Android Studio

Certifications

Cloud Computing (NPTEL) Certified with expertise in cloud architecture, services, and theoretical frameworks.

SQL (Advanced Level) (HackerRank) Validated advanced SQL skills through solving complex challenges.

Generative AI (IBM) Developing knowledge in Generative AI, focusing on model training and prompt engineering.

Data Science Professional Certificate (Oracle) Gaining proficiency in data analysis, visualization, and data science.

Bits and Bytes of Computer Networking (Coursera) Acquired fundamental knowledge of computer networking concepts.

Achievements and Extracurricular Activities

Top 30 Rank (GeeksforGeeks) Achieved under 30 rank in VIT Bhopal University Community.

LeetCode Problem Solving Solved over 800+ problems demonstrating strong algorithmic and problem-solving skills.

GeeksforGeeks Problem Solving Solved over 600+ problems showcasing proficiency in data structures and algorithms.

Hackathon Participation Participated in a hackathon conducted by GeeksforGeeks Club, VIT Bhopal University.

5-Star (HackerRank) Achieved 5-star ratings in Python and C++ on HackerRank.