SNEHA AGARWAL

Bhopal, Madhya Pradesh, India

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Education

VIT Bhopal University	**2022 – 2026**
Computer Science and Engineering(Majors in Artificial Intelligence and Machine Learning)	*CGPA: 8.69*

St. James' School Binnaguri, ISC Board	**2021 – 2022**
Class XII (Senior Secondary Education)	*Percentage: 89.25%*

St. James' School Binnaguri, ICSE Board	**2019 – 2020**
Class X (Secondary Education)	*Percentage: 92.2%*

Skills

Technical Skills: Java, Python, GenAI, SQL, Excel, Data Visualization,Data Analytics,Machine Learning,Deep Learning, JavaScript,HTML,CSS.

Soft Skills: Communication, Collaboration , Leadership, Teamwork.

Work Experience

CareerWale —**Data Analyst and Web Scraping Intern**   **September 2024 – February 2025**

- Extracted, processed, and analyzed large-scale datasets (600+) using Python and SQL, ensuring data integrity and accuracy.
- Performed EDA and visualizations on huge records using Pandas, Matplotlib, and Seaborn, leading to business insights that improved reporting by 25%.
- Optimized SQL queries for efficient data extraction, filtering, and aggregation,improved performance by 40%.

Projects

KinderConnect-AI as Psychiatrist   **February 2025**

- Developed a responsive web platform using Next.js with a kid-friendly UI to connect children with psychiatrists.
- Created interactive modules and structured content to simplify **mental health concepts** for children and guardians.
- Implemented psychiatrist profiles and appointment booking, optimized for cross-device responsiveness and accessibility.

ShadowStamp – AI & Cyber-Based Anti-Piracy System   **April–May 2025**

- Researched advanced tracking (**QR** codes **watermarks**, steganography, FFT, Solana blockchain) and implemented invisible security markers with OpenCV and deep learning.
- Built real-time watermark detection with YOLO and deep learning for wearables and mobile.
- Focused on safeguarding intellectual property rights (**IPR**) through innovative AI and cybersecurity solutions.
- Finalist in WAVES 2025, recognised among **Top 7** nationwide   .

Achievements

- Semi-finalist at**Smart India Hackathon**, 2023.
- Recognized as a **Top 7** Finalist in the Anti-Piracy Challenge at the World Audio Visual and Entertainment Summit**(WAVES)**, 2025, organized by the Confederation of Indian Industry in collaboration with the Ministry of Information and Broadcasting.

Certifications

- Online Course in Applied Machine Learning in Python – ***Coursera***, January 2024
- Introduction to Business Intelligence – ***Infosys***, February 2024
- Privacy and Security in Online Social Media – ***NPTEL***, April 2024
- Postman Challenge – ***Postman***, September 2024
- GirlScript Summer of Code (GSSOC) – ***GSSOC***, October 2024

Languages

- Fluent: Hindi, English, Haryanvi.
- Conversational: Bengali, Nepali.