

# SNEHA AGARWAL

Bhopal, Madhya Pradesh, India

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## Education

<b>VIT Bhopal University</b>	<b>2022 – 2026</b>
<i>Computer Science and Engineering (Majors in Artificial Intelligence and Machine Learning)</i>	<b>CGPA: 8.69</b>
<b>St. James' School Binnaguri, ISC Board</b>	<b>2021 – 2022</b>
<i>Class XII (Senior Secondary Education)</i>	<b>Percentage: 89.25%</b>
<b>St. James' School Binnaguri, ICSE Board</b>	<b>2019 – 2020</b>
<i>Class X (Secondary Education)</i>	<b>Percentage: 92.2%</b>

## Skills

**Technical Skills:** Java, Python, GenAI, JavaScript, SQL, HTML, CSS, Excel, MATLAB, Data Visualization, Data Analytics, Machine Learning, Deep Learning, Computer Vision, AI Frameworks.

**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 an AI-driven virtual psychiatrist platform using Machine Learning (Random Forest, Decision Tree, Naive Bayes) and React to support children's mental health.
- Integrated sentiment analysis and NLP for personalized responses via a 3D chatbot.
- Enabled live video consultations between users and certified psychiatrists.

**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.
- Finalist in the HealthHackathon, 2025, organized by VIT Bhopal University in collaboration with Johns Hopkin University, USA.

## 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: Japanese, Bengali, Nepali.