

SUPRIYA SHARMA

☎ 8109970363

✉ tanusharma8822@gmail.com

🌐 <https://www.linkedin.com/in/supriya-sharma-8388b8208>

Relevant Coursework

- Deep Learning
- Web Mining
- Computer Network
- SNA
- Generative AI
- CVDL
- Machine Learning
- Operating System

Technical Skills

Languages: Java, Python, HTML/CSS, JavaScript, C(basic)

Database: SQL

Machine Learning: Supervised Learning, Unsupervised Learning, Classification

Frameworks: PyTorch, scikit-learn, OpenCV

Developer Tools: VS Code, GitHub, Git, Jupyter, Colab, IntelliJ IDEA

Core Concepts: DSA, OOPS, DBMS, OS

Projects

Robot Activity Recognition System | *Python, Deep Learning concepts* Jan 2025 - Present

- Collected and pre-processed video data to create a labeled dataset.
- Training YOLO-based model on a custom dataset for recognizing robotic activities in industrial settings.

Web Mining for Sustainability Communication in Tourism Websites | *Python, Web Mining Concept* Nov 2024

- Developed a web mining framework to analyze sustainability-related information on tourism websites.
- Scraped and analyzed web data using Python.

Academic Major Recommendation System | *Python, SNA Concept* Oct 2024

- Built a recommendation system using Social Network Analysis to suggest academic majors based on student interest graphs.
- Visualized student-topic relationships through network analysis.

Automatic Question Paper Generator | *HTML, CSS, PHP* April 2024

- Designed a system to generate question papers dynamically based on difficulty levels and topics .
- Developed using Python and NLP to ensure balanced question distribution.

Experience

Teaching Assistant Aug 2024 – PRESENT

Software Engineering

IIT Jabalpur

- Guided students in developing and deploying software solutions for the Institutional Work Department (IWD).
- Provided mentorship on best practices in software development and project management.

Teaching Assistant Aug 2024 – Dec 2024

OOPS in JAVA

IIT Jabalpur

- Assisted students in lab sessions, helping them understand core OOP concepts and Java programming.
- Evaluated students' progress through weekly assessments and provided constructive feedback.

Oasis Infobyte July 2023- Aug 2023

Web Development

Online

- Wrote custom HTML and JavaScript for existing websites.
- Developed user interfaces with modern JavaScript frameworks, HTML and CSS .

Education

IIITDMJ 2024 - 2026

Master of Technology in AI and ML

Jabalpur, M.P.

SCRIET, CCSU 2020-2024

Bachelor of Technology in IT

Meerut, U.P.