

PRIYANSHU SHARMA

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PROJECTS

- Fake News Detection System | [Backend](#) | [Full-Stack](#) | [Website](#)
 - ◆ Built a machine learning system implementing **Random Forest, Gradient Boosting, Decision Tree, and Logistic Regression** using TF-IDF for fake news classification.
 - ◆ Collaborated on full-stack integration with a **React + Vite** frontend and deployed a full-stack web application.
 - ◆ **Tools/Technologies:** Python, scikit-learn, TF-IDF, Pandas, NumPy, React, Node.js
 - Multilingual AI Translation System | [Colab](#)
 - ◆ Developed a multilingual **translation & transliteration** system for 5 languages (English, Hindi, Japanese, Chinese, Russian) using **Meta's NLLB-200** model.
 - ◆ Created a **Streamlit interface** supporting text, speech, and file-based inputs with language auto-detection & robust error handling.
 - ◆ **Tools/Technologies:** Python, PyTorch, Transformers, Whisper, NLLB, Streamlit
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EXPERIENCE

- Assistant Professor | FIT, Meerut (Sep 2025 – Present)
 - ◆ Teaching Data Structures to 2nd-year and Design & Analysis of Algorithms + Machine Learning to 3rd-year B.Tech students.
 - ◆ Year Coordinator for the 3rd-year batch, managing academic scheduling and coordination between faculty and students.
 - ◆ **Skills Applied:** Teaching, Data Structures, Algorithms, Machine Learning, Academic Mentorship, Coordination
 - Minor in Artificial Intelligence | IIT Ropar (2024 – 2025)
 - ◆ Completed a multidisciplinary AI program covering Python programming, statistics, machine learning, deep learning, NLP, and generative AI.
 - ◆ Explored applied AI domains like Robotics, GenAI, and Smart Systems, integrating models for automation, perception, and reasoning.
 - ◆ **Key Tools & Technologies:** Python, NumPy, Pandas, Matplotlib, PyTorch, scikit-learn, Transformers, Seaborn
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SKILLS

- **Programming:** Python, JavaScript, SQL
 - **AI:** Machine Learning, Deep Learning, NLP, Transformers, Neural Networks, Regression, SVM, Generative AI
 - **Libraries:** NumPy, Pandas, Matplotlib, Seaborn, PyTorch, scikit-learn, Transformers, Whisper
 - **Tools:** Colab, Streamlit, Git
 - **Web Development:** HTML, CSS, Tailwind, React, Node.js, Express, Vite
 - **Databases:** MySQL
 - **Concepts:** Data Structures, Algorithms, OOP, Statistics, Probability
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EDUCATION

- MBA | CCS University 2025-present
 - Minor in AI | IIT Ropar 2024-2025
 - Bachelor of Technology | Computer Science | MIET, Meerut 2020-2024
 - XII (CBSE) | Dayawati Modi Academy 2019
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ACHIEVEMENTS / HOBBIES

- Black Belt Dan - 1 in Taekwondo (2016)
- Participated in the 7th Fujairah International Taekwondo Championship (2019)
- Three-time National Gold medalist (2015, 2017, 2018)
- Vice Sports Captain in School Council Body (2017 - 2018)