Vrinda Soni

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Projects

Hospital Management System
Developed a Hospital Management System for patient registration, appointment scheduling, billing, and doctor scheduling using Java and MySQL.

Reseach Paper

As part of my MSc in AI, I conducted research titled *"Intelligent Traffic Signal Control using AI: A Machine Learning Approach."* The study focused on optimizing traffic signals using machine learning to reduce congestion and improve flow. I designed predictive models and implemented AI-based adaptive signal timing, demonstrating significant reductions in traffic delays during simulations.

Certificates

- Python for Data Science
- Data Analysis with Python
- Data visualization with R
- R for Data Science

Education

Msc. in Artificial Intelligence, St. Xavier's College
2024 – present
Currently pursuing advanced coursework in machine learning, deep learning, natural language processing, and computer vision. Gained hands-on experience with AI frameworks such as TensorFlow, PyTorch, and Scikit-learn. Focused on data analysis, model optimization, and implementing state-of-the-art AI algorithms.

Bachelor of Computer Applications, Lokmanya College of Computer Application
2021 – 2024
"I pursued a Bachelor's degree in Computer Applications, achieving an overall 7.0 GPA. During my studies, I gained in-depth knowledge and practical skills in various aspects of computer science and technology. I excelled in subjects such as programming languages, data structures, software development, and database management."

Skills

Team Collaboration

Communication

Programming Languages
- Python
- HTML/CSS
- C/C++
- SQL
- Django

Personal Skills
- Communication
- Creativity and Innovation
- Soft Spoken
- Time Management
- Self-Management
- Project-Solving
- Adaptability
- Critical Thinking