West Bengal, India
https://shramana.vercel.app/ | https://github.com/shrasinh
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SHRAMANA SINHA

TECHNICAL SKILLS

Languages: Python, JavaScript, HTML, CSS, Java, Bash, SQL

Frameworks & Libraries: TensorFlow, PyTorch, Scikit-learn, Pandas, NumPy, Matplotlib, Vue.js, Flask

Other Tools: Git, Latex, Docker

ACADEMIC PROJECTS

Library Management System

https://github.com/shrasinh/booklitE-libraryV2

- Developed a role-based web application with user and admin features for library operations.
- Implemented Producer/Consumer design pattern, Progressive Web App, Single Page Application, and responsive design for modern web experience.

Project Tracking System

https://github.com/GurneetKB/soft-engg-project-sep-2024-se-sep-5

- Collaborated with 6 team members using GitHub and Jira.
- Designed a project tracking system for academic projects with GitHub and AI integration.

Multi-Class Crime Prediction System

https://www.kaggle.com/code/shramanasinha/23f1002703-notebook-t22024

- Built a machine learning model to predict crime categories, achieving an accuracy of 96.48%, winning **1st place** in the competition.
- Applied data preprocessing and feature engineering techniques to ensure robust predictions.

EDUCATION

Bachelor of Science in Data Science and Programming

Indian Institute of Technology Madras - Chennai, India

January 2023 - December 2026

- **Current CGPA:** 9.98 out of 10
- **Relevant Coursework:** Data Structures, Algorithms, Machine Learning, Web Technologies, Artificial Intelligence, Neural Networks, Computer Vision, Speech Technology, Reinforcement learning, Natural language processing