KAMALESH CHITRA

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CAREER SUMMARY

Data Science Engineer leveraging Machine Learning, Python and Web expertise to engineer real-time data pipelines and cloud-based infrastructure for advanced analytics.

EDUCATION

B. Tech in Computer Science (Specialization in Data Science)

Pragati Engineering College | 2022 – 2026

- Major: Computer Science
- Minor: Data Science
- Relevant Coursework: Discrete Mathematics, Statistics & Probability Modeling, Structured & Unstructured Data, Object-Oriented Programming, Database Systems & SQL, Data Mining, Machine Learning.

PROJECTS

Movie Recommendation System (Content Based)

- **Objective:** Developed a content-based movie recommendation system leveraging Python, Pandas, and Scikit-learn; system achieved a precision score of 85% in predicting user preferences based on movie content.
- **Technologies:** Python, Pandas, NumPy, Scikit-learn, NLTK, Streamlit, Streamlit for UI.
- **Outcome:** An interactive application that provides personalized suggestions based on content similarity, enhancing user experience and engagement.

TECHNICAL SKILLS

- Programming Languages: Python, C
- Web Development: Proficient in HTML5, CSS, JavaScript
- Frameworks: React
- Machine Learning Tools: Python for Machine Learning, Data Analysis
- Libraries: Pandas, NumPy, OpenCV
- Developer Tools: Jupyter, VSCode
- Databases: MySQL, MongoDB

CERTIFICATIONS

- AWS Cloud Virtual Internship   Dec 02, 2024
- Salesforce AI Associate (Global Certification)   Nov 24, 2024
- Data Science Master Virtual Internship by ALTAIR   June 10, 2024
- Java Programming Fundamentals by EdX   April 19, 2024
- Data Science Job Simulation by Forage