Mayur Kothari

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Experience

React.js Developer Intern, Celebal Technologies (Jun 2024 – Aug 2024)

- Developed dynamic web applications using React.js, ensuring responsive and user-friendly interfaces.
- Enhanced website performance through optimized React components and reusable code practices.

Front-end Developer Intern, Code Clause (Aug 2023 – Sep 2023)

- Designed and implemented responsive web pages using HTML, CSS, and JavaScript.
- Gained hands-on experience with web hosting platforms and project management tools.

Projects

Acad Calc (CGPA/SGPA Calculator) - React Web App

- Designed and developed Acad Calc, a responsive CGPA and SGPA calculator using React.js to help students easily compute their academic performance across semesters.
- Built an interactive UI, allowing students to add or remove semester fields, reset data, and instantly view results in a clean layout.
- Deployed the application on Vercel for fast and scalable hosting, ensuring accessibility across devices with optimized performance and mobile-friendly design.

Book Recommendation System - Streamlit Web App

- Designed and developed an end-to-end content-based book recommendation system, integrating Streamlit (frontend), FastAPI (backend), and SQLite (database) for a seamless user experience.
- Built a responsive Streamlit interface with dynamic dropdown filters for authors and publishers, enabling users to refine their search from a curated database of 5000+ books.
- Developed RESTful API endpoints using FastAPI to serve book data and recommendations efficiently, with cross-origin support for smooth frontend-backend communication.

Sentiment Analysis on Customer Reviews - ML Model

- Developed an NLP-based sentiment analysis model to classify customer reviews as positive, neutral, or negative using machine learning techniques.
- Implemented text preprocessing techniques such as tokenization, stopword removal, and lemmatization to improve accuracy.
- Trained and tested the model using different machine learning algorithms to improve accuracy.

Skills

- **Programming Languages:** Python, C, C++, HTML, CSS, JavaScript
- **Frameworks & Libraries:** React.js, Flask
- **Databases:** MySQL, SQLite
- **Developer Tools:** Git, GitHub, Streamlit, Vercel, FastAPI

Education

Bachelor of Technology (B.Tech) in Computer Science (Nov 2021 – May 2025)

- Poornima College of Engineering, Rajasthan Technical University (RTU)

Senior Secondary Education (Apr 2019 – Mar 2021)

- Shri Jain Public School (CBSE)

Certificates

- **CS50x: Introduction to Computer Science** – Harvard University
- **Crash Course on Python** – Google (Coursera)