Mitesh Sakhare

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EDUCATION

B.E Computer Engineering
International Institute of Information Technology • Hinjewadi, Pune. •2021-2025.
• **CGPA: 7.30**

Class 12, HSC, 86.17%
Sri Chaitanya Educational Institutions • Aundh, Pune. •2019-2021.

Class 10, CBSE, 80.02%
Blossom Public School • Tathawade, Pune. •2018-2019.

PROJECTS

Text Summarization Using Pegasus & GEMINI [Link }
August 2024 – April 2025
• Developed an advanced text summarization system using state-of-the-art machine learning models like Pegasus and GEMINI, achieving a 65% improvement in summary coherence and relevance.

• Enabled support for multiple models (Pegasus, T5, GPT), incorporating advanced preprocessing tools (NLTK, Newspaper3k, Google Translate) to handle multilingual and news content summarization.

• Implemented multi-language summary translation features to expand accessibility and usability for users across different linguistic backgrounds.

Personal Finance Tracker [Link]
May 2025 - July 2025
• Designed and implemented a full-stack finance tracker with FastAPI backend and React frontend to record income, expenses, budgets, and transactions.
• Built RESTful APIs and CRUD flows, connected frontend components to backend endpoints, and surfaced interactive financial summaries/insights.
• Created reusable data models and utility scripts, authored run/setup documentation, and focused on clean architecture for easy extension and onboarding.

• The project's main goal was to provide users with a seamless way to manage their finances and gain instant insights.

Movie Recommendation System [Link]
January 2024 - April 2024
• Implemented a content-based recommender using TF-IDF and cosine similarity (scikit-learn) to generate accurate movie suggestions.
• Integrated the recommendation engine into a Django app with responsive Bootstrap UI, instant search/autocomplete, and movie detail pages.
• Built dataset ingestion utilities, modularized the codebase, wrote clear setup docs, and Optimized the TF-IDF vectorization and similarity matrix, enabling movie recommendations to be served in under 2 seconds.

SKILLS

Programming Languages: Python, JavaScript, HTML, CSS

Computing Technologies : AI/ML , Data Analytics

Libraries: ReactJS, SciKit-Learn, Seaborn

Backend Frameworks: Django, Flask, Fast API

Database Technologies: MySQL, MongoDB, Snowflake

Developer Tools: VS Code, Git , Power BI

CERTIFICATIONS [Link]

- Eduskill Google AI-ML Virtual Internship | Issued March 2024
- Acmegrade Artificial Intelligence Internship | Issued March 2024
- Machine Learning A-Z: AI, Python , From Udemy | Issued April 2025
- The Python Bootcamp , From Udemy | Issued April 2024

PORTFOLIO

https://miteshsakhare.netlify.app/