

PREM MAHAVEER KAMBLE

Bangalore, Karnataka

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EDUCATION

Senior Secondary (XII) Science | C.L.E. Society's College of Education | 2023

Percentage: 87.00%

B.E Computer Science & Engineering | M.S. Ramaiah Institute of Technology, Bangalore | 2023-2027

Current CGPA: 8.04/10

PROJECTS

[Movie Recommendation System](#) | Aug 2025 - Sep 2025

- Developed a content-based movie recommendation system using Python, TF-IDF, Cosine Similarity, and Streamlit.
- Integrated the TMDb API to fetch real-time movie information and personalized recommendations.
- Built an interactive web application supporting 500+ movies with recommendation accuracy exceeding 90%.

[Forensic-Chain](#) : Blockchain-Based Digital Forensics Evidence Management | Oct 2025 - Jan 2026

- Developed a full-stack digital evidence management system using Flask, PostgreSQL, Ethereum (Ganache), Solidity, and Web3.py.
- Implemented SHA-256 hash-based tamper detection, blockchain-backed chain of custody, and role-based access control for secure evidence management.
- Designed REST APIs for evidence upload, verification, custody tracking, and blockchain integration with offline database fallback support

[FinSecure-XAI](#) : ML-Powered Botnet Detector | May 2026 - Present

- Developed an XGBoost-based botnet detection system achieving 95.89% ROC-AUC on 92K+ network traffic flows.
- Engineered 57 network traffic features with probability calibration and explainable AI for reliable threat detection.
- Built a production-ready Streamlit dashboard with single/batch prediction, feature importance visualization, and automated data validation.

[NextMatch AI](#) : Intelligent Recommender System | Jul 2026 – present

- Implemented a two-stage recommendation pipeline combining TF-IDF retrieval with Logistic Regression re-ranking.
- Engineered compatibility features including skills, MBTI, profession, career goals, experience, location, and networking intent.
- Developed an interactive Streamlit platform with user authentication, explainable recommendations, and feedback management.

TECHNICAL SKILLS

Languages: Python, Java, C++, C, JavaScript, HTML, CSS, R

ML/AI: TensorFlow, Scikit-learn, Deep Learning, Neural Networks, NLP

Web/Mobile: Flask, Streamlit, FAST APIs

Databases: PostgreSQL, MongoDB, SQL

Tools/Platforms: Git, Docker, Azure, Render, Jupyter Notebook, VS Code, Linux

Core CS : DSA, OOP, DBMS, Operation System, Computer Networks

CERTIFICATIONS

- **Unlax certifications** : Machine Learning Program.
- **Coursera certifications** : Generative AI, Deep Learning.
- **NPTEL certifications** : Software Engineering , Cloud Computing.