

Aryan Beluse

Pune, Maharashtra, IN | (+91) 7420004581 | aryan.beluse@gmail.com

TECHNICAL SKILLS

- **Programming Languages:** JavaScript, C++, Python, SQL .
- **Web Development :** MERN full-stack (React.js , Node.js) , Flask , Mongo-DB .
- **AI/ML :** Python sci-kit learn , Pandas.
- **Tools:** Git, PowerBI .

Soft Skills: Fast Learner, Communication & Collaboration, Adaptability, Leadership, Detail Oriented.

PROJECTS

Personalized Healthcare recommendations (MERN-stack , ML , Flask)

- Designed and implemented a full-stack AI-powered healthcare application offering personalized services for users.
- Developed a symptom-based disease prediction system that suggests remedies, diet plans, and precautions.
- Built a medical records management system with QR code-based access, enabling users to securely manage and retrieve health data.
- Integrated fitness tracking and personalized health notifications, leveraging user activity data for tailored recommendations.
- Utilized a serialized .pkl machine learning model (SVC ,RF , MNB)for real-time health insights and predictions.
- Built a scalable architecture with React.js (frontend) and Flask&Node.js (backend), ensuring a seamless and responsive user experience.
- Successfully improved user engagement by automating health-related insights and streamlining healthcare services

Movie Recommendation System (Python, Flask, React.js, Pandas, Scikit-learn, MongoDB)

- Developed a machine learning-based recommendation system that predicts user preferences for movies based on their watch history and ratings.
- Implemented a collaborative filtering algorithm using Scikit-learn to suggest personalized movie recommendations.
- Designed an interactive frontend with React.js, providing users with a seamless browsing experience for recommended movies.
- Built a Flask-based backend to handle data preprocessing, API integration, and model predictions.
- Stored and managed user data, movie metadata, and watch history using MongoDB.
- Ensured real-time updates by dynamically re-training the model based on new user inputs and feedback.
- Delivered an intuitive user experience with features like search, filters, and a watchlist.

ACADEMIC QUALIFICATIONS

Vishwakarma University, Pune

Bachelor of Technology in Computer Science

Current CGPA: 7.72

Pune, India

Nov 2022-Jun 2025

Government Polytechnic Pune

Diploma in Mechanical Engineering

Percentage: 86.27%

Pune, India

Nov 2019-Jun 2022

Sinhgad Spring Dale School, Pune

10th Qualification CBSE

Percentage: 89.80%

Pune, India

May 2019

CERTIFICATES

1.Introduction To Machine Learning

Coursera (Duke University)

Provided foundational understanding of machine learning models (logistic regression, multilayer perceptrons, convolutional neural networks, natural language processing) and demonstrated how these models can solve complex problems in industries such as medical diagnostics, image recognition, and text prediction.

2.Managing Machine Learning Projects

Coursera (Duke University)

Detailed key steps in ML projects: identifying opportunities, data collection, model building, deployment, and maintenance. Learned to identify ML opportunities, organize ML projects using the data science process, make key ML system design decisions..

LANGUAGES SPOKEN include English, Hindi, Marathi.