

Saif Rathod

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EDUCATION

MARWADI UNIVERSITY
BTECH IN COMPUTER SCIENCE
2026 | Rajkot, India

KENDRIYA VIDYALAYA
Grad. May 2022 | Porbandar, India

LINKS

Facebook:// **Saif Rathod**
Github:// **Saif-rathod**
LinkedIn:// **saif-rathod**
YouTube:// **Saif**
Quora:// **Saif-Rathod-2**

UNDERGRADUATE

Machine Learning
Data Structure and Algorithms
Operating Systems
Database Management System
Computer Architectures and Systems
Object Oriented Programming
Advance Java Technology
Web Development
Artificial Intelligence + Practicum
Functional Programming
Unix Tools and Scripting

SKILLS

PROGRAMMING

Machine Learning: TensorFlow, Artificial Neural Networks, Regressions, Decision Trees.
Python, Java, JavaScript, C++
Front-end Technologies: HTML, CSS, React, Angular
Back-end Technologies: Django, NodeJs, Php
AppDev: Flutter
Competitive Programming, OOPs
Database Management: MySQL, RDBMS, MongoDB(noSql)
Hosting Platform: GitHub

Interpersonal Skills:
Team Leadership, Communication and Presentation Skills

Over 1000 lines:
C • C++ • CSS • PHP • Assembly

ABOUT ME

I'm a passionate penultimate year Computer Science student on a mission to transform my AI-ML technical expertise into tangible results., I'm committed to honing my skills and strategies to secure exciting opportunities in the tech industry.

Throughout my academic journey, I've embraced a rigorous curriculum that spans algorithms, data structures, OOPs, software engineering, and more. I thrive on the challenge of converting complex problems into elegant solutions, and I'm eager to apply these skills to real-world scenarios.

PROJECTS

CHRONIC KIDNEY DISEASE PREDICTION

- Achieved up to 98.33 percent accuracy in Chronic Kidney Disease prediction using advanced machine learning models.
- Enhanced model performance through rigorous data preprocessing and hyperparameter tuning techniques like GridSearchCV.

HATE SPEECH DETECTION:

- Developed a Hate Speech Detection system with NLP features including tokenization, stemming, and stopword removal.
- Used NLTK, pandas, and scikit-learn to implement a Decision Tree Classifier for tweet classification into 'Hate Speech', 'Not Offensive', and 'Neutral' categories.

STOCK PRICE PREDICTION:

- Developed a stock price prediction model using data from 2020-01-01 to 2023-01-01 (1096 days).
- Achieved an R^2 score of 0.95 and MSE of 10.5 on the training set, and an R^2 score of 0.93 and MSE of 12.3 on the test set.

CERTIFICATIONS

Imp:
Ai For Everyone by DeepLearning.AI
Supervised Machine Learning
Advanced Machine Learning Algorithms
Unsupervised Machine Learning
Data Structures and Algorithms by San Diego University