

# Saif Rathod

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## EDUCATION

### MARWADI UNIVERSITY

BTECH IN COMPUTER SCIENCE

Expected Grad: 2026 | Rajkot, India

### KENDRIYA VIDYALAYA

Grad. May 2022 | Porbandar, India

## LINKS

Github:// [Saif-rathod](#)

LinkedIn:// [saif-rathod](#)

## UG COURSEWORK

Data Structure and Algorithms

Cloud Computing

Operating Systems

Database Management System

Computer Architectures and Systems

Object Oriented Programming

Advance Java Technology

Advanced Web Development

Artificial Intelligence + Practicum

## SKILLS

### PROGRAMMING

Programming Languages: Python • Java • JavaScript • C++

DSA: Sorting • Searching • Dynamic Programming • Graph • Trees • Hashing.

Machine Learning: Artificial Neural Networks • Classification • Computer Vision • NLP.

Data Analysis • Data Visualization • Data Cleaning and Transforming.

Front-end Technologies: HTML • CSS •

React • Angular

Back-end Technologies: Django • FastAPI

• Flask • NodeJs • Php

AppDev: Flutter

Competitive Programming • OOPs

Database Management: MySQL • RDBMS

• MongoDB(noSql)

### Interpersonal Skills:

Team Leadership • Communication and Presentation Skills • Teamwork and

Collaboration

## EXPERIENCE

### AI SUGGESTED | AI WEB DEVELOPER

May 2024 – Sep 2024 | Remote

- Added more than 100 AI tools to the Website.
- Which helped to increase the reach to 40 percent for the new Phoenix platform.
- AI developer - Added machine learning models to the website dashboard.

### CODECLAUSE | AI-ML INTERN

Oct 2023 – Dec 2023 | Remote

- Worked on developing Machine Learning and Computer Vision Projects.
- Personality Prediction System via CV Analysis

## 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

- AI For Everyone - DeepLearning.AI
- Supervised Machine Learning - Coursera
- Advanced Machine Learning Algorithms - Coursera
- Data Structures - University of California