

# Prathmesh Sadake

## Machine Learning Engineer

Passionate about building machine learning models that fix problems. Relevant skills include machine learning, problem-solving, programming, and creative thinking, Deep Learning, Transfer Learning, and Neural Networks using the latest Tensorflow 2.0

✉ prathmeshsadake@gmail.com

📍 Navi Mumbai, India

🌐 linkedin.com/in/prathmeshsadake

📖 medium.com/@prathmeshsadake

📞 8850055170

📱 prathmeshsadake.vercel.app

🐙 github.com/PrathmeshSadake

## EDUCATION

### B.Tech Computer Science and Engineering

Vishwaniketan's Institute of Management  
Entrepreneurship and Engineering  
Technology

06/2019 - Present

8.21/10

## WORK EXPERIENCE

### TCS iON Remote Internship

TCS iON

06/2022 - 07/2022

#### Achievements/Tasks

- Worked on Automating the detection of different sentiments from textual comments and feedback.
- Identifying & finalising a collection of English sentences or a large paragraph which will also cover contradictory statements.
- Developing a deep learning algorithm to detect different types of emotion contained in a collection of English sentences or a large paragraph.

### MERN Stack Development Intern

Docsup Private Limited

01/2022 - 02/2022

#### Achievements/Tasks

- Worked on client projects using modern technology stack ReactJS, Node.js, Express.js, and Firebase authentication.
- Translated UI/UX design wireframes into high-quality code that will produce visual elements of the application.
- Improved existing UI of Web Applications.

### Frontend Web Developer

Techsnap

01/2022 - 01/2022

#### Achievements/Tasks

- Worked on the UI/UX design enhancing user journey and creative elements.
- Assisted with writing content for the descriptive elements of the website.
- Achievement: Best of Interns at Techsnap

## SKILLS

Machine Learning

Deep Learning

Python

MySQL

JavaScript

NodeJS

ExpressJs

ReactJS

MongoDB

NextJS

Tensorflow 2.0

Scikit-Learn

Machine Learning Algorithms

## PERSONAL PROJECTS

### Facebook Friend Recommendation using Graph Mining

(06/2022 - 06/2022)

- Used Feature engineering on Graphs: Jaccard & Cosine Similarities

### Microsoft Malware Detection (07/2022 - 07/2022)

- Microsoft malware detection using machine learning.
- Multivariate analysis of features from byte files

### Netflix Movie Recommendation System (Collaborative based recommendation) (07/2022 - Present)

- Using Xgboost + 13 features + Surprise baseline model.
- Implementing Matrix Factorization models using Surprise.

## CERTIFICATES

### Machine Learning Specialization - DeepLearning.ai, Stanford Online (06/2022 - Present)

Develop hands-on skills using the tools, languages, and libraries used by professional data scientists. Build recommender systems with a collaborative filtering approach & a content-based deep learning method & build a deep reinforcement learning model

### Deep Learning Specialization (06/2022 - Present)

Building and training RNNs, working with NLP and Word Embeddings and using HuggingFace tokenizers and transformer models to perform NER and Question Answering.

## LANGUAGES

English

Professional Working Proficiency

Hindi

Full Professional Proficiency

Marathi

Full Professional Proficiency