

# Prathamesh Sambhaji Khade

## Data Science | Machine Learning

I have 6+ months of experience in Machine Learning with a proven ability and history of developing full-stack machine learning projects. I have a strong foundation in Mathematical & Statistical analysis. I am eager to apply these skills in real-world scenarios and am excited to contribute to innovative projects in this field.

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 8483917297

in [LinkedIn](#)



[GitHub](#)



[Coursera](#)



[HackerRank](#)

## EDUCATION

### BTech. In Mechanical (Pursuing)

Pimpri Chinchwad College of Engineering

01/2021-Present, 8.03 CGPA

Courses

- Fuzzy Logic
- Machine Learning
- Data Analysis
- Project Management
- DBMS
- Web development
- Cyber Security
- Numerical Methods

### BTech. (Minor) Data Science

Pimpri Chinchwad College of Engineering Pune

05/2022-Present, 7.8 CGPA

Courses

- Probability
- Data Analysis
- Data visualization

## EXPERIENCE

### DEMAND FORECASTING ANALYSIS

TE CONNECTIVITY PUNE (6 Months)

12/2022-5/2023

Achievements/Tasks

- Collecting & analyzing large data sets from various sources, cleaning and preprocessing it and then analyzing it to identify trends, patterns, and insights.
- Use statistical and machine learning techniques to build predictive models that can be used to forecast future outcomes or make informed decisions.
- Increased accuracy by 5 -10%.

### Research Intern

TATA MOTORS ERC (4 Months)

06/2023-09/2023

Achievements/Tasks

- Worked on project named "Automated Guided Vehicle"(AGV).
- Design, Simulation, Manufacturing, testing of AGV.
- Developed Website using Python and Flask.

### Robotics Engineer

Team automotons (10 Months)

04/201-01/2022

Achievements/Tasks

- Designed gripper for robot.
- Worked on ball tracking using Image
- Achieved all India rank 3.

## SKILLS

Language: Python, HTML, CSS, JS, SQL

Tools : PowerBI, Tableau, UiPath, VScode

ML : Tensorflow, Keras, Scikit-learn, PyTorch

Analysis : Numpy, Pandas, Scipy, Microsoft Excel

Cloud : AWS, Azure

## PERSONAL PROJECTS

### AI based fashion recommendations system

- Developed a fashion recommender system using a combination of computer vision and natural language processing techniques.
- Implemented feature extraction from images using a pre-trained ResNet50 model and similarity search with Nearest Neighbors algorithm.
- Incorporated a Chabot component using Sentence Transformers for text-based product recommendations and interaction.
- Built a user interface using Streamlit framework for seamless interaction and integration

[Watch my fashion recommendation system demo](#)

### Bank loan analysis

Developed a bank loan analysis dashboard using Power BI, providing stakeholders with interactive visualizations and key performance indicators for loan portfolios

[Click to explore my project!](#)

### Automated Guided Vehicle

Implemented automated Guided vehicle at Tata motors

[Watch the implementation!](#)

## Gate Score

Data Science & AI: 32.67/100

## Research paper

[Speed and direction control of dc motor using Arduino.](#)

## Certification

- [Machine Learning](#)
- [Computer vision](#)
- [Generative AI](#)
- [Reinforcement Learning](#)
- [Business Implications of AI](#)
- [Prompt Engineering](#)
- [Deep learning](#)
- [IBM AI Engineering](#)

## Interest

Machine Learning

Generative AI

NLP