

# Manoj Rathod

## Data Scientist

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## PROFILE

As a fresher, I am looking for opportunities to apply my skills in data science, machine learning, and deep learning. Proficient in Python, data analysis, and statistical modeling with experience in building ML pipelines and solving real-world challenges. Passionate about leveraging advanced technologies to derive insights and optimize processes.

## EDUCATION

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|--|---------------------------|
| <b>BCA</b><br><i>Ankushrao tope college jalna</i>      | 2021 – 2024<br>Jalna      |
| <b>HSC</b><br><i>Khedkar junior college chapadgaon</i> | 2020 – 2021<br>Chapadgaon |
| <b>SSC</b><br><i>Late. Dattaji Bhale High School</i>   | 2018 – 2019<br>Ambad      |

## SKILLS

### Technical Skills

- Proficient in data science, analytics, and machine learning, with experience in building ML pipelines and optimizing model performance.
- Skilled in Python programming, with expertise in libraries like NumPy, Pandas, Scikit-learn, TensorFlow, and Keras for data analysis and deep learning.
- Experienced in computer vision tasks such as image processing and object detection.
- Strong foundation in statistical modeling, mathematics, and exploratory data analysis (EDA).
- Expertise in data cleaning, wrangling, and visualization using Matplotlib and Seaborn.
- Adept at SQL for database management and data mining.
- Ability to apply AI techniques to solve real-world problems efficiently.

### Tools

- Proficient in Python environments: Anaconda, Jupyter, Spyder, PyCharm.
- Skilled in libraries: NumPy, Pandas, Scipy, Scikit-learn, XGBoost, TensorFlow, Keras.
- Experienced in data visualization: Matplotlib, Seaborn, Power BI, Google Colab.
- Knowledgeable in databases (MySQL) and tools like NLTK and OpenCV.

## PROJECTS

### Loan Prediction Using Machine Learning

*Domain : Banking and Finance*

- Developed a machine learning model to predict home loan eligibility based on income, credit score, and loan amount.
- Performed data preprocessing, EDA, and feature analysis. Implemented models including Logistic Regression, KNN, SVM, Decision Trees, Random Forest, AdaBoost, and XGBoost.
- Achieved good accuracy through model evaluation and cross-validation. Utilized tools like NumPy, Pandas, Matplotlib, Seaborn, Sklearn, TensorFlow, and Flask for analysis, visualization, and deployment.
- Demonstrated expertise in machine learning, statistics, and data visualization.

## CERTIFICATES

### Full Stack Data Science and AI

Completed multiple projects and lab exercises, gaining hands-on experience in solving real-world problems with mentor support. Developed expertise in the full data science workflow, including data preprocessing, modeling, and deployment.