# **Viraj Bhat Prabhu**

Goa | [LinkedIn](https://www.linkedin.com/in/viraj-bhat-prabhu-287931247/) | Portfolio | [GitHub](https://github.com/VirajBhatPrabhu) [| virajjp@gmail.com](about:blank)

**SUMMARY**

* An independent and highly motivated data scientist with strong analytical and problem-solving skills. I am skilled in using advanced machine learning, deep learning algorithms and statistics. Having knowledge of distributed data/computing tools such as MySQL. Experienced in data visualization using tableau and Power-BI. I also have working knowledge of tensorflow and keras

**EDUCATION**

**Goa University** **Location**

*Bachelor of engineering 2015-2019*

* Specialization in mechanical engineering

**WORK EXPERIENCE**

**A.S Engineering Location**

*Mechanical engineer Aug 2020 – Feb 2021*

* Led a team for on-site maintenance and reparation of forklifts and other machinery provided by AS engineering to its clients
* Co-Managed sales calls for the company
* Reviewed, Analyzed and updated the scheduling system to benchmark effectiveness

**KEY PROJECTS**

* **Player Recommendation System:**

Created a Recommendation engine as an AI module integrated with mobile app using streamlit

Project focused on recommending footballers with similar styles to teams for comparison

* **Multiple Disease Prediction:**

Built a classification based disease predictor using multiple machine learning algorithms

Achieved the goal of creating a one stop medical check-up center on-line for patients

Constructed an API using flask framework and integrated it with a web application

* **Precision Farming Advisor:**

Developed a crop recommender trained on Gaussian naïve bayes and adaboost classifier

Fulfilled the aim of recommending crops to farmers based on their soil and weather conditions

Created an API using flask framework and deployed using heroku

* **Stock Trend Forecaster:**

Implemented a stock trend predictor model using deep learning and stacked LSTM

Accomplished the prediction of future value of any chosen company stock

Developed and deployed the web application using streamlit and heroku

* **T20 Score Predictor:**

Executed a regression based score predictor using xgboost and deployed with streamlit

Achieved the goal of predicting accurate final score of the batting team given the match condition

* **Facemask Detector:**

Developed a deep learning based project using transfer learning, vgg19 and opencv

Successfully realized the goal of detecting whether a person is wearing a facemask in real time

**SKILLS**

**Programming Languages:** Python programming, Basic knowledge of R-programming

**Frameworks**: TensorFlow, Keras, PyTorch, Scikit-Learn, Huggingface

**Databases:** MySQL, MongoDB, Basic Knowledge of Oracle

**Cloud Platforms:** Amazon AWS, Google Cloud Platform GCP, Heroku

**Data Visualization:** Matplotlib, Seaborn, Tableau, Microsoft Power-BI, Microsoft Excel

**Other Skills:** Excellent in verbal ,written communication and presentation , Knowledge of Agile software development life cycle, OpenCV, Natural Language Processing (NLP), Html ,CSS, Pandas, Numpy, SciPy, Neural Networks, ANN, CNN, RNN

**Spoken Languages:** English, Hindi, Marathi, Konkani