

Bharathkumar M S

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LinkedIn profile: [Link](#)

GitHub profile: [Link](#)

Portfolio: [Link](#)

Medium : [Link](#)

Hackerrank: [Link](#)



CAREER OBJECTIVE

A highly motivated and analytical individual with a passion for data science and machine learning with good knowledge of gathering, cleaning, organizing and analyzing data using Python along with good understanding of Statistics, SQL, Machine Learning Algorithms. Seeking a challenging role as a data scientist to utilize my skills and knowledge in solving real-world problems.

ACADEMIC QUALIFICATION

Qualification	Institution	University/Board	Year of Passing	Percentage
B.E (Mechanical)	Malnad College of Engineering, Hassan (Autonomous)	VTU	2022	8.29 CGPA
2 nd PUC (PCMB)	Anikethana PU college, Mandya	PU Board	2018	87.5
SSLC	Morarji Desai Residential School, Mandya	KSEEB	2016	89.4

TECHNICAL SKILLS

- **Programming Languages:** Python, SQL.
- **Python Libraries and Frameworks:** Pandas, Numpy, Matplotlib, Seaborn, Scikit-learn, Tensorflow, Keras.
- **Machine Learning:** Linear regression, Logistic regression, Decision Tree, Random Forest, SVM, K-means clustering, KNN, Naive Bayes, PCA, Gradient boosting, XG Boosting, Recommendation Systems, EDA, Pre-processing, Feature Engineering, Model building, Deployment.
- **Deep Learning:** Artificial Neural Network(ANN), Convolution Neural Network(CNN), Computer vision, NLP, RNN, LSTM, Encoder, Decoder, GRU, BOW, TFIDF, Embedding, Text Preprocessing.
- **Mathematics:** Statistics, Probability, Linear algebra, calculus.
- **Web Development:** Flask, Streamlit, HTML.
- **Databases:** MySQL.
- **Docker, MLOps, MLflow, Git & Github**
- **IDE:** PyCharm, Visual Studio, Jupyter Notebook, Google COLAB.

EXPERIENCE

DATA SCIENCE INTERN at Innomatics Research Labs [\(Link\)](#) [02/2023– 06/2023]

- Worked on some tasks related to python and Flask.
- Worked on some machine learning projects.
- Worked on Plant Disease Classification Project.

DATA SCIENCE INTERN at iNeuron.ai [\(Link\)](#) [10/2022 – 02/2023]

- Worked with a variety of tools and techniques, including Python, SQL, Pandas, Numpy, Matplotlib and scikit-learn.
- Analyse the data by visualisation using seaborn and matplotlib.
- Worked on End to End project on flight fare prediction.

DATA SCIENCE INTERN at Exposys Data Labs [\(Link\)](#) [12/2021 - 02/2022]

- Worked on various data cleaning and data preprocessing techniques.
- Performed Data cleaning, Exploratory Data analysis and Feature engineering Techniques.
- Worked on the Healthcare Diabetic Prediction Project.

PROJECTS

CAR PRICE PREDICTION [web app: [Link](#)]

- The main objective of this project is to **predict car price** based on some features.
- Various data cleaning and data preprocessing techniques were applied on the raw data.
- Analyse the data by visualisation using seaborn and matplotlib.
- Model building using Decision tree and Random forest.
- Built and deployed web app using Flask and streamlit.

FLIGHT FARE PREDICTION [web app: [Link](#)]

- The main goal is to predict the **price of the flights** based on different factors available in the provided dataset.
- Exploring datasets using pandas, NumPy, matplotlib and seaborn.
- Built a model by Random forest and Using Randomized search CV and Grid Search CV to select the best hyper parameter for training the model.
- Built and deployed web app using Flask.

AGRICULTURE PLANT DISEASE CLASSIFIER [web app: [Link](#)]

- The main objective of the Agriculture plant disease classification project is to develop an accurate and reliable deep learning-based system that can automatically identify and classify plant diseases from images, aiding in early detection and effective plant disease management.
- Implemented state-of-the-art CNN architectures, such as VGG16 to extract meaningful features from the plant images.

CERTIFICATIONS

- **DATA SCIENCE CERTIFICATION** by Besant Technologies [[Link](#)]
- **PYTHON CERTIFICATION** by Besant Technologies [[Link](#)]
- **FULL STACK DATA SCIENCE COURSE** by Ineuron.ai [[Link](#)]
- **INTRODUCTION TO MACHINE LEARNING** by Coursera [[Link](#)]
- **DATA SCIENCE WITH PYTHON** by simplilearn [[Link](#)]

EXTRACURRICULAR ACTIVITIES

- NSS volunteer

PERSONAL SKILLS

- Motivating and goal oriented
- Willingness to learn and ability to be a good team player
- Quick Learner
- Problem Solving
- Good analytical and logical skills
- Having leadership quality
- Having good convincing power
- Ability to tackle critical situation

LANGUAGES

English

Professional Working Proficiency

Kannada

Native or Bilingual Proficiency

HOBBIES

Listening to music	Watching movies	Playing cricket	Cycling
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