



Thamanna Hafeez

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An enthusiastic focused, committed and self-motivated engineering graduate with masters in Computer Application. Possess excellent research and analytic skills. Seeks to work as a Data Scientist to further my knowledge and put them to practical use. Involved in Python Open Source Community and looks forward to implementing machine learning and deep reinforcement learning into businesses.

Educational Background

MCA

Sikkim Manipal University
2011

B.Tech - Electronics and Communication

Nehru College of Engineering and Research Centre
2007

Certifications

Data Science Foundation - IABAC
Certified Data Scientist - IABAC

Technical Skills

- Python, Pandas, SKlearn
- Keras, Tensorflow
- Data Visualisation, Tableau
- Machine Learning Modelling
- Hypothesis Testing, Statistics, EDA
- Deep Learning, CNN, NLP.
- Mysql, SQL, Schema, Triggers.
- Microsoft Excel

Key Skills

- Analytic Thinking, Planning, Problem Solving
- Strong Communication, Attention to detail.
- IELTS English 8.0

Experience

Data Scientist Intern

DATAMITES - Bangalore , India
May 2021 to Aug 2021

Responsible for the retrieval, cleaning, analysing and deriving insights from the data before feeding it into the ML models. Worked with different machine learning models and hyper tune them for maximum accuracy.

Project Annexe

IABAC, February 2022

Employee Performance Analysis - INX Future Inc.

- Developed prediction model using **RandomForestClassifier**, to predict the employee performance rating.
- The model created performed well with **95%** accuracy.
- Recommendations were made on improving the performance standard based on the insights obtained through **Exploratory Data Analysis**.
- Developed as POC.

DATAMITES from August 2021 till September 2021

ITSM TICKET PORTAL PREDICTION

- Developed prediction models, **KNN** for predicting the Priority of the tickets and **RandomForestClassifier** for auto-categorizing those tickets.
- Developed a Time Series **ARIMA** model to forecast the incident volume in each department.
- The models were hyper tuned and resulted in maximum accuracy.
- Developed as POC for the client project.

DATAMITES from July 2021 till August 2021

RICE LEAF DISEASE PREDICTION

- Developed a **Convolution** computer vision model to predict the disease affecting the rice crop.
- The model created performed well with 89 % accuracy despite the stochastic nature of the model.
- Developed as POC for the capstone project.
- Created API using a **Flask** framework.

Other Details

- **NATIONALITY** : INDIAN
- **MARITAL STATUS** : MARRIED
PASSPORT NO. : M2954807 VISA
STATUS : RESIDENCE /
- **HUSBAND'S SPONSORSHIP**
VALID UAE DRIVING LICENSE

Project Annexe *continuation*

DATAMITES *from June 2021 till July 2021*

FIFA-20

- Developed a clustering model using **KMeans** to cluster the players into different categories based on their skill sets.
- The model clustered the players into respective categories with 90% accuracy.
- Developed as a POC for the capstone project.

DATAMITES *from May 2021 till June 2021*

HEART DISEASE PREDICTION

- Developed a classification model (**KNN**) to predict heart disease in a patient.
- The model created performed well with 100% recall (sensitivity) to the data provided.
- Developed as a POC for the capstone project.