



# Vivek Angadi

Data Scientist



## Professional Summary

Over 4+ years of experience in top IT Organization.  
3+ years of Experience as Data Scientist, with focus on Predictive modeling and Statistical modeling.  
Familiar in gathering, cleaning and organizing data.  
Thorough understanding of analytical techniques.  
Highly organized, motivated, hardworking and diligent .



## Work History

2019-DEC  
Current

### Senior Data Scientist

Harman Connected Service, BANGALORE, India

#### Lead Quotes Model

- Predicting the booking quote for a travel client
- It is a travel-based company which gets lots of quotes regarding tailor made trips for cusotmers
- We need to find out which are the quotes which will get converted to booking based using machine learning models

2018-OCT  
2019-JUN

### Technology Analyst

Infosys, BANGALORE, KARNATAKA

#### Image Classification

- Built a POC to classify the crops disease classification
- It was a CSR initiative project to be build a project to classify what weather a crop is infected by a disease or not
- Used CNN with Transfer learning to classify the crop disease
- Used LIME to explain the model how it is differentiating a infected crop and non-infected crop
- FLASK api was used to serve the application

2017-OCT  
2018-SEP

### Senior Systems Engineer

Infosys, BANGALORE, India

HackAnalytics



## Personal Info

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## Skills

Machine Learning



Python Scikit-learn, NumPy, Pandas



R



Databases: MySQL



Visualizaton tools: R (ggplot), python(matplotlib)



Statistical Modelling Techniques



Git, Linux, Windows



Java



Deep learning



Computer Vision



## Languages

- Built a rule-based web application allowing clients to have Cognitive insights of the data. Led a team of 5 members to implement project
- Gathered requirements, defined scopes, allocated resources and established schedules meeting or exceeding project demands
- Analyzed projects to determine resource requirements and procured necessary equipment and software
- Managed and motivated project teams to promote collaboration and keep members on-task and productive

Completed the first phase of the project 30 Days before the deadline

### **Customer Churn Model**

- In the telecom industry, customers are able to choose from multiple service providers and can effortlessly switch from one operator to another. It is learnt from industry statistics that the average annual churn rate is around 20%
- Built predictive models to identify customers at high rate of churn and identified the main indicators of churn
- Predicted telecom customers likely to churn with 75% accuracy by analyzing customers' data; identified best Logistic model using Principal Component Analysis (PCA)

### **Delivery Driver Churn**

- Predicting the Delivery Driver Churn for a Logistics Client (A Fortune 500 company)
- It is a logistics focused company which depends on local drivers for the delivery of the goods. There major problems was churning of the drivers without any notice
- The problem was to identify the drivers who are going to churn in advance which would help the organization to plan to mitigate the driver shortfall
- Performed analysis on the data and presented them the solution

2016-04 -  
2017-10

## **System Engineer**

Infosys, BANGALORE, India

- Built lot of web application's for block-chain POC's using Angular2 as front end technology and nodejs or spring as backend technology
- We used several db like mysql , mongodb depending on the requirement of POC. we built 5 POC'S in a span 6 month's

2015-10 -  
2016-03

- Worked on building UI for cyber security Application called ICSP
- Built a web based testing application called INPRESS which was used to automate testing and recommended the number of production servers required for the application during the peak hours or peak sales

#### **Ticket Prioritization**

- Built a model to predict & priorities tickets raised by the employees based on the past data of the organization with 80% accuracy(automation)
- Automating the task of assigning and prioritizing the tickets
- Increased the efficiency and reduced the resource requirement by 40%

### **System Engineer Trainee**

Infosys, BANGALORE, India

- Training was divided into two section's. First was generic training.In generic training we were trained on Python & RDBMS
- Second was stream training in which we trained on java and its frameworks like Hibernate ,JPA ,JSP. At the end of the training we were assigned a project to build a E-commerce website



### **Key Academic Projects**

#### **HR Analytics model :**

- Requirement was to model the **probability of attrition**
- Predicted the probability of Attrition for a given company with 76% accuracy by analyzing 7000+ employee's data using various techniques and recommended Logistic and SVM methods
- Logistic model was used by the management to understand lacunae in the organizational policies and improve upon them to reduce the attrition rate

#### **AdTracking Fraud**

- Click fraud can happen at an overwhelming volume, resulting in misleading click data and improper cost to company. Ad channels can drive up improper costs by simply clicking on the ad at a large scale
- Built predictive models to detect the click fraudster with 85% accuracy using various boosting techniques including Adaboosting, Gradient boosting and XGBoost



### **Education**

2018-03 -  
2019-04

## **PG Diploma in Data Science: Data Science**

IIIT B - BANGALORE

A comprehensive 11-month program taught by Industry experts and IIITB faculty 7 case studies & projects; 400+ hours of academic learning & 30+ hours of industry mentoring

2011-08 -  
2015-04

## **B.E: Mechanical Engineering**

NMAMIT - Nitte