



# Anurag Reddy

## Data Scientist

Data scientist with over 2+ years of experience in providing ML solutions. Recognized consistently for performance excellence and contributions to success in the financial industry. Strengths in Machine Learning and Data Engineering and a Masters holder in Data Sciences with exposure to both academic and professional use cases. Looking forward to work in a challenging environment where I can contribute and create an impact in the fast-paced development of the organization.

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## WORK EXPERIENCE

### Data Scientist Lam Research

01/2020 - Present

#### Achievements/Tasks

- Applying analytical skills to extract and understand the reports.
- Generate insights and strategies post data extraction
- Created a Machine Learning model to predict the changes done depending on the check-in ID with the git repository.
- Created a dashboard using Power BI which gives insight of our logistics from the data given to understand the requirement of resources.
- Preparing reports based on a periodical review of data

### Project Engineer Wipro

10/2017 - 01/2020

#### Achievements/Tasks

- Created Power BI Reports using various visualizations like Bar, Card, Gauge, Table, Matrix etc. and custom visualizations
- Strong Knowledge of creating interactive Power BI Reports using various visualizations, slicers, and formatting options
- Knowledge of writing DAX queries.
- Strong knowledge on building SQL queries.
- Strong investigative and troubleshooting skills
- Knowledge on Agile methodology and helped the team in sprint planning activities

## EDUCATION

### M Tech - Data Science

#### Birla Institute of Science and Technology

01/2019 - 11/2020

#### Activities

- Participated in Community Meet : Rise of Super AI and Tech Insider Dev Tour
- Created a Project on Covid 19 Virus growth prediction, depending on the public travelling to multiple locations.
- Designed Software Architecture for Face Recognition attendance regularization.
- Developed application which can replace the usage of Excel for Virtual Machine management

### B Tech - Mechanical Engineering

#### K. L. University

06/2013 - 06/2017

#### Courses

- Specialization in Factory Automation
- Published paper on "APPLICATION OF TEACHING-LEARNING BASED OPTIMIZATION TECHNIQUE FOR CELL FORMATION PROBLEMS" to "International Journal of Pure and Applied Mathematics" - ISSN: 1314-3395
- Organised National Level Work Shops, Yantrik and Samyak

## SKILLS

Predictive Analysis

Machine Learning

Python/C

SQL

Power BI

Statistical Data Analysis

Deep Learning

## PERSONAL PROJECTS

### Vehicle Company Recognition

- Using **ResNet** and **TensorFlow** developed a model which can predict vehicle manufacturer from the provided image

### Car Price Prediction

- Predicting the Car Price based on the usage of the customer

### Uber Supply - Demand Gap

- Identify the possible reasons for cancellation of rides. Visualize the required data using tools like tableau and matplotlib on the information gathered from exploratory data analysis (Univariate and Bivariate).

### Cancer Prediction

- Predicting the Type of Cancer based on the features of cancer cell

## ACHIEVEMENTS

### Deploying Machine Learning Models

Deployed Multiple Machine Learning models by creating a app and template built from scratch.

### Achieved awards for "Ownership and Accountability" and "Team Work"

Awarded for taking the position of temporary Team lead Engineer during Covid-19 Pandemic

### Algorithm Knowledge

Strong knowledge on prediction for the target values by usage of algorithms such as KNN, Random Forest and Decision Tree.

### Extra Circular

Head of the EC (Entertainment Committee) in my project, responsible to maintain engagement within the team and maintain this Virtual Work bring out the best time to all my Engineers

## LANGUAGES

English

Full Professional Proficiency

Hindi

Full Professional Proficiency

Telugu

Native or Bilingual Proficiency

Kannada

Elementary Proficiency

## INTERESTS

Technology

Drones

Tech Blogs

Automotives

Semi Conductors

Robotics

Quantum Computing