

Name : Anurag Reddy Chinnannagari
Contact No : +91-9704794341
E-mail : anurag289@hotmail.com
LinkedIn : <https://www.linkedin.com/in/anurag-reddy-c-313a8b102/>
GitHub : <https://github.com/anurag289>
Medium : <https://medium.com/@anurag289>
Kaggle : <https://www.kaggle.com/anurag0289>

SUMMARY:

Data Scientist with Master in Computer Engineering, 3+ years of Experience Using Predictive Modelling, Data Processing, Data Mining Algorithms, Natural language processing (NLP), hands-on experience leveraging machine learning, Deep Learning Models to Solve Challenging Business Problems.

PROFESSIONAL EXPERIENCE:

- Overall Experience of 4+ years in Business Intelligence tools **Power BI**.
- Around 3+ years of experience as Data Scientist with proven expertise in Machine Learning Algorithms, Deep Learning concepts such as ANN, CNN, RNN and python with libraries such as SKLearn, NumPy, Pandas, Matplotlib, Keras and Tensor Flow.
- Excellent reputation for resolving problems and improving customer satisfaction.
- Expertise in full **SDLC** implementation as a key resource in requirement gathering, estimation, design, coding and testing in both Waterfall and Agile Methodology.
- Extensively used **JIRA** tool for tracking user stories and effort.
- Experience in Statistics, Machine Learning & NLP and Python Methodologies.
- Expertise in **Data Analysis**, statistics, programming and ML/AI techniques.
- Hyper-parameter tuning to improve the model efficiency.
- Extensive knowledge and implementation experience in **XGBoost** algorithm
- Validation metric for Regression and classification algorithms including classification report.
- Created Power BI Reports using various visualizations like Bar, Card, Gauge, Table, Matrix etc. and custom visualizations.
- Performed transformations on data using M-Query, Joins, Appended Queries and Custom Columns.
- Strong Knowledge on creating interactive Power BI Reports using various visualizations, slicers and formatting options.
- Knowledge on writing Complex **DAX queries**.
- Worked closely with Stakeholders & Top Management to understand their reporting needs, analyse business requirements into visualizations.
- Strong investigative and troubleshooting skills.
- Knowledge on Agile methodology and helped team in sprint planning activities.
- Involving in daily meetings to on-site team and discuss about upcoming processes and procedures.
- Excellent communication and presentation skills, self-starter, quick learner & team player.
- Strong knowledge on building **SQL queries** using Joins, CTE, Temp tables, Sub Queries and various functions.
- Participating in constant learning through training and skills development.

PROJECT EXPERIENCE:

Project Name : Logistics Inventory Global Operations
Duration : Jan 2020 to Present
Company : LAM RESEARCH

Role: Data Scientist

Description : The Objective the understand the business problems for material planning and spares planning team for forecast the inventory and manage the risks.

Responsibilities:

- Fetching details from **SQL Server**.
- Building dashboard for descriptive analysis.
- Working in collaboration with Product Managers to understand the challenges towards a product development and provide a solution with ML & AI techniques.
- Built K-Means & Hierarchical Clustering models for pattern recognition of the traffic data.
- Parameter tuning process for optimal model hyperparameter doing ad-hoc analysis and presenting results in a clear manner
- Recommended spares to be maintained with manufacturing and demand analysis techniques which lead to decrease the **risk of safety stock by 17%**.
- Estimating the stock requirement from the previous data of risks incidents.
- Maintaining the exact required BOM for every tool manufactured.

Project Name : Credit and Loan eligibility score
Duration : Feb 2019 to Jan 2020
Company : WIPRO

Role: Project Engineer

Description : The Objective the project is to build a model for a model for analysing the credit score and loan eligibility of the customers based on the previous transaction and KYC information.

Responsibilities:

- Selecting features, building and optimizing classifiers using machine learning techniques
- Data mining using state-of-the-art methods
- Involved in **Data Preprocessing** Techniques for making the data useful for creating Machine Learning models
- Enhancing data collection procedures to include information that is relevant for building analytic systems
- Processing, cleansing and verifying the integrity of data used for analysis
- Doing ad-hoc analysis and presenting results in a clear manner
- Publish the reports, Manage groups, Users, reports, Data sources and data connection in Power BI service.
- Created various regression and classification algorithms by using various Sklearn libraries such as Linear Regression, Decision Trees, Naïve Baye's.

Project Name : Reinsurance Power BI Reports
Duration : Oct 2017 to Dec 2018
Company : WIPRO

Role: Project Engineer

Description : The Objective the project is to create 12 Power BI Reports as per user requirement.

Responsibilities:

- Gathered requirements from stake holders and prepared Functional Specification Documents
- Modelled data as per requirement in Query Editor using Joins, Custom Columns, Append and Merge Queries.
- Created interactive reports as per user requirements using different visualizations and Power BI features
- Worked on Time Intelligence **DAX** function to display data to users at different time periods such as MTD, QTD, YTD, ITD, PTD.
- Created Landing Page for users to access Reports directly.
- Publish the reports, Manage groups, Users, reports, Data sources and data connection in Power BI service.
- Created System Appreciation Documents and trained users in Power BI.

SKILLS:

Tools/ IDE

Anaconda	Jupyter Notebook	Power BI
Git	Pycharm	Spyder

Development Tools

Python Programming	Machine Learning	NLP
Data Visualization	SQL Tools	Deep Learning

Libraries

Numpy	Pandas	Scikit-learn
Scipy	Seaborn	Matplotlib
Open CV	Tensorflow	Keras

PERSONAL PROJECTS:

- **Decision Trees & Random Forest** algorithms on different data sets like Weather, Airline, Diabetes & River.
- Created Classification models on Stock market, Weather, Cancer and Diabetes Data sets.
- Kaggle Projects:
 - Default of Credit Card Clients Dataset.
 - Used the Wisconsin breast cancer diagnostic data set for predictive analysis.
- 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**.

ACADEMIC PROFILE:

Course	University/ Board	Name of the Institution	Year of Passing	Percentage of Marks
M Tech	Birla Institute of Science and Technology	Birla Institute of Science and Technology	2020	7.8/10
B.Tech	K.L.University	K.L.University.	2017	8.98/10
Intermediate	BIE, AP	N.R.I Academy	2013	93.9%
Matriculation	CBSE	Bhadrachalam Public School & Jr. College.	2011	9.0/10

INTERPERSONAL SKILLS:

<i>Adaptability</i>	: Quick learning capability alongside adjustment.
<i>Efficiency</i>	: Highly efficient while working under pressure.
<i>Trustworthiness</i>	: Ability to build relationships and set up trust rapidly.
<i>Confidence</i>	: Determined in approach towards projects and assignments.
<i>Leadership</i>	: Ability to cope with different situations and shoulder responsibility