AANCHAL

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Data Scientist :

- A skilled data scientist with hands-on experience in exploratory data analysis and deploying complex machine learning and statistical modelling algorithms/techniques for identifying patterns and extracting valuable insights. Proficient in predictive machine learning, Deep Learning.

- A quick learner with affinity towards learning new technologies and demonstrated experience to communicate and collaborate with business & multiple teams to understand the product or problem at hand and deliver solutions to those in a time bound fashion.

EDUCATION:

Qualification/Degree	School/College	Year
Machine Learning & AI: Course Machine Learning 2 & Course 4 - Neural Networks	Durgasoft Academy, Hyderabad	2024
Course in Python For Data Science	Durgasoft Academy, Hyderabad	2023
B. E. (CSE)	Chitkara University Institute of Engg. & Tech., Punjab	2015-2019

TECHNICAL SKILLS:

- **Languages:** Python

  Python Libraries for Data Science: Numpy, Pandas Data Visualization Techniques: Using Seaborn and Matplotlib Statistical Analysis: Exploratory Data Analysis Data sourcing,cleaning, univariate analysis, segment univariate analysis, bivariate analysis, derive metrices ,Inferential Statistics,Hypothesis testing

  Machine Learning: Simple Linear , Logistic Regression, Decision Trees, Random forests, Bagging , Boosting(Adaboost, Gradient, Xgboost) algorithms, Support Vector machines, Clustering.

- **Database:** MySQL, Oracle

- **Packages:** Numpy, Pandas

- **Methodology**: Agile, Waterfall

Work History :

Technology Analyst   **Sep'2023 - Present**
Infosys

Infosys, provides business consulting, information technology and outsourcing services

- . Development using Core Java and SQL.

- Coordinated with multiple vendors for successful development,testing of single project

- Worked on Project LexisNexis that enhances productivity and drives next-level work quality for legal and business professionals in the LexisNexis ecosystem.

- LexisNexis then generate time-saving summaries of articles, filings, analyst reports and more, all from the same screen.

Senior System Engineer   **Oct   2021-Aug 2023 ,CHD**
Infosys

Infosys, provides business consulting, information technology and outsourcing service

- provides business consulting, information technology and outsourcing services.

- Performing Root cause analysis of the production issues and providing solutions to the business users . Promoting the code in Production using the tools.

- Participated in code and design reviews also the code style tool for code quality improvements.

- Providing Data Extracts to Business.

Associate Engineer   **Nov 2019-Sep 2021,HYD**
VirtusaPolaris
Virtusa Corporation is an American-based global information that provides digital engineering and technology services for companies in the financial services.

- Skills Used: Pandas, Numpy, Python, EDA and Data Visualization, Machine Learning Algorithms, Regularization, Hyperparameter tuning

- To build predictive models to identify customers at high risk of churn and identify the main indicators of churn.

- Solution: Designed Logistic Regression , Decision Tree , Random Forest model with and without PCA and compared the confusion matrix for each model to find the model giving best results for sensitivity. Skills Used: Pandas, Numpy, Python, EDA and Data Visualization, PCA, Machine Learning Algorithms, Regularization.

System Trainee   **May2019, HYD**
VirtusaPolaris
Virtusa Corporation is an American-based global information that provides digital engineering and technology services for companies in the financial services.

- Training done on Python, Machine Learning, Java, SQL and open systems.

OTHER PROJECTS

- Build the Customer Churn Model . Skills Used: Pandas, Numpy, Python, EDA and Data Visualization To identify the product used based on customer dataset Pandas, Numpy, Python, EDA and Data Visualization Solution: Using the Random Forest , Designed Multiple Linear Regression model to predict the demand Skills Used: Pandas, Numpy, Python, EDA, Data Visualization, Machine Learning Algorithms To build predictive models to identify customers at high risk of churn and identify the main indicators of churn.

- **ECOMMERSE WEBSITE USING CORE JAVA**

Personal Information :
- Date of Birth: 06/20/97
- Gender: Female