

## Skills

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- **Statistics** : Descriptive Statistics, Inferential Statistics, Hypothesis Testing, ANOVA, t-test, z-test, Probability & Distribution
- **Database** : SQL, Mongo DB
- **Visualization** : Matplotlib, Seaborn
- **Others** : GitHub, Bitbucket
- **Machine Learning** : Decision tree (CART), Random Forest, Regression, Logistic Regression, Support Vector Machine (SVM), Clustering (K-Means), K-Nearest Neighbors (KNN), Naive Bayes, Neural Network (ANN), Principal Component Analysis (PCA)
- **Programming** : Python, JavaScript

## Projects

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### REAL ESTATE PRICE PREDICTION

July 2023

- Generated a sophisticated **linear regression model** to predict home prices, leveraging extensive **data cleaning** and **visualization** techniques and Achieved 75% accuracy.
- **Feature engineering** for improved model performance, achieving accurate predictions on the testing data.
- Utilized **matplotlib** to visualize and analyze the data, enabling insightful representations of cryptocurrency trends.
- Demonstrated strong problem-solving and data science skills through successful implementation of the project.

### CANCER DIAGNOSIS

June 2023

- Successfully analyzed Cancer diagnosis data and built a predictive model.
- Utilized interactive **visualizations** and data filters to enhance data exploration and inform decision-making.
- Used **K-Fold cross-validation** technique to avoid **overfitting**, Designed and compared models like **Support Vector Machine (SVM)**, **Random Forest Classifier**, and **Logistic Regression**.
- Used **Grid Search CV** for **hyper parameter tuning** achieving upto 95% accuracy.

### HR ANALYTICS

May 2023

- Created an HR Analytics classification model using **Logistic Regression** achieving upto 80% accuracy.
- Performed thorough data cleaning and visualization for the HR Analysis dataset.
- Expertly split the data into training and testing sets for robust model evaluation.

## Work Experience

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### **WEB DEVELOPER, PART TIME – ZIABA IT SOLUTIONS – Delhi, India**

April 2023 - June 2023

- Created RESTful APIs and integrated them with databases using **Node**.
- Deployed server-side applications using **NodeJs**.
- Used **NextJS** to build user-friendly interfaces and implemented front-end functionalities for web applications.

### **SOFTWARE ENGINEER – MOODRAA-E – Mumbai, India**

September 2022 - January 2023

- Implemented front-end functionalities using **NextJs**, ensuring responsive design.
- Daily maintenance of code, debugging issues, and solving clients' problems.
- Worked on mobile app development and created major features on it.

## Education

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B.Tech in Computer Science and Engineering, CSE - 7.5 CGPA - Dronacharya Group of Institutions

August 2019 - July 2023

12<sup>th</sup> - 7.2 CGPA, CBSE

2019

10<sup>th</sup> - 7.8 CGPA, CBSE

2017

## Certificates

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- Python Data Structures and Algorithms (DSA)