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| Data Analyst & Science Enthusiast / ML Engineer  Arvinkritik | 9566203164 | arvinkritik2@gmail.com  https://www.linkedin.com/in/arvin-kritik-b75592206/  Cheanni, TN, 600049 |

# Skills

* Backend: SQL (SQL Server, MySQL, Oracle, MongoDB)
* Python (Pandas, NumPy, SciPy, MatPlotLib, NLTK, Seaborn, Sklearn, OpenCV, )
* Javascript
* Data Analysis & Visualization: Tableau , Power Bi , IBM Cognos BI , IBM Watson Studio , Excel (VLookup, Conditional Formatting, Pivot Tables) .
* Web-Dev : React , Angular ,Flask , Django .
* Web-Scraping , Data-Preprocessing ,Data-Cleaning ,

Prompt Engineering , Git .

# Projects

Parkinson’s Disease prediction using SVM – GOOGLE CHALLENGE PROJECT

* **Developed a predictive model using SVM , achieving high accuracy in early diagnosis .**

SEntiment analysis on bitcoin future– IBM PROJECT

* **Implemented an NLP-based Sentiment Analysis model to predict Bitcoin trends , achieving high accuracy .**

lip reading model – COLLEGE PROJECT

* **Created a lip-reading model using Tensorflow with convolutional LSTM , achieving effective speech recognition from visual inputs**

POSE ESTIMATION & HAND TRACKING CRICKET ANALYST TOOL – PERSONAL PROJECT

* Developed a real time analysis tool with OpenCV and mediapipe , enhancing player movement analysis accuracy .

GLOBAL BANKING LOSSESS (DATA ANALYSIS & Viz) , Fraudulent Loans using SVM– IBM MINI PROJECT

* Conducted data analysis and developed an SVM model using IBM Cognos BI to detect fraudulent loans , significantly improving fraud detection .

Diabetes Prediction using Logistic Regression – PERSONAL PROJECT

* **Built a predictive model using Logistic Regression , achieving high accuracy in diabetes diagnosis .**

Spam mail Prediction using Logistic Regression – PERSONAL PROJECT

* **Developed a spam mail prediction model with Logistic regression & NLTK, achieving high accuracy .**

Classification of Galaxy , Star, using all Supervised Learning algorithm’s – PERSONAL PROJECT

* **Created a model classifying celestial objects using Logistic Regression , Decision Trees , KNN with comprehensive preprocessing and evaluation .**

# Work Experience - Internship

Full Stack developer **–** IIT(Madras) **–** Chennai, TNAugust 2022 – December 2023

* Developed & Deployed a web app using Angular and hosted it on AWS , utilizing Docker for environment management.
* Created backend services with Django, managed databases using MYSQL, and generated analytical reports in Excel.
* Gained hands on experience with data processing and analytical tasks, enhancing project performance by 20%.

# Education - MGR Educational & Research Institute – Data Science & AI (B.TECH) – CHENNAI, TN June 2021 – June 2024

COURSEWORK : AI , DATA ANALYSIS , CLOUD COMPUTING , BUSINESS INTELLIGENCE , MACHINE LEARNING .

# Achievements – Leadership - Non Technical Skills

GOOGLE DEVELOPER STUDENT CLUB - TECH LEAD ,

Effective Communicater, Problem Solving, Team Player , Solo leader, Flexible and Adaptable