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Profiles : [Website](#) | [GitHub](#) | [LinkedIn](#) | [Kaggle](#)

Location: Hyderabad, Telangana.



LAKSHMI SAI TEJA DHARMADA

Summary:

Experienced data scientist with a strong foundation in programming, database management, and API integration. Leveraging 1+ years of expertise in data analysis, machine learning, and predictive modeling to excel as an Engineer. Proven track record of transforming data into actionable insights and contributing to cross-functional teams.

Work Experience:

Data Scientist | [Turing Minds.AI](#) | Hyderabad, Gachibowli | June/2022 –Apr/2023

- ♦ Leveraged Python and SQL to analyse complex datasets and extract valuable insights, resulting in optimising business strategies.
- ♦ Collaborated with Data engineers and cross-functional teams to integrate data solutions into products.
- ♦ Assisted in data preprocessing and feature engineering for machine learning projects.
- ♦ Utilized Git for version control and collaborated with team members to maintain codebase.

Account Receivable | [INFINX](#) | Hyderabad, Shamshabad | May/2023 - Present

- ♦ Developed and maintained strong relationships with clients and external partners, effectively communicating billing details and resolving billing disputes. Analysing US Health Care Providers Insurance claim denials
- ♦ Conducted thorough reconciliation of accounts receivable records, identifying and resolving discrepancies to maintain accurate financial data in Revenue Cycle Management.
- ♦ Utilized accounting software and tools to track, update, and maintain customer accounts, facilitating streamlined communication and accurate record-keeping.

Education:

B-Tech – Mechanical | [BVC Institute of Science and Technology](#) | A.P, Amalapuram | May/2018 – Apr/2022

Project : Artificial Intelligence Based Electrical Vehicle – AIEV

Certifications:

- **Post Graduate Program Computational Data Science** | Case Western Reserve University through [UpGrad INSOFE](#)
- **Python Programming** | [BVCITS CodeTantra](#)
- **C Programming** | [BVCITS CodeTantra](#)
- Python, Web Development FOR EVERYONE HTML 5, CSS 3** | [COURSERA](#).

SKILLS & EXPERTISE

Languages	: Python, SQL, C, Basics of Java
Data Analysis	: Pandas, NumPy, Scikit-Learn
Data Visualization	: Tableau, Matplotlib, Seaborn
Machine Learning	: Supervised, Unsupervised Learning
Database Management	: SQL
Cloud services	: AZURE
Version Control	: Git, GitHub
Tools OS	: Spark, Excel, Docker Windows, Linux

Professional Projects:

Personal Virtual Voice Assistant

- **Objective:** *Develop a voice-controlled computer interface for seamless access and control.*
- Created a versatile virtual assistant capable of multifunctional tasks including personalized greetings, time updates, YouTube music playback, WhatsApp messaging, web searches, and application launch, leveraging APIs like Speechrecognition, Pyttsx3, PywhatKit, and Wikipedia.
- Implemented a secure access feature through password authentication, ensuring only authorized usage. Upon successful authentication, the virtual assistant remains attentive to user commands, facilitating efficient task execution and response.

Design and Fabrication of Artificial Intelligence based Electric Vehicle

- **Objective:** *Develop an autonomous electric vehicle system to enhance automation and reduce human intervention.*
- Spearheaded the structural design of the vehicle, optimizing load-bearing capacity and distribution for optimal performance.
- Orchestrated the integration of mechanical, electrical, and electronic elements, ensuring harmonized load equilibrium.
- Implemented cutting-edge technology, including Raspberry Pi 4, relay circuitry, and ultrasonic sensors, to enable obstacle detection and safe passenger navigation, reaffirming a commitment to passenger safety and well-being.

Car Travels Tracking web application

- **Objective:** *Build a lightweight web app for streamlined driver location tracking and accessible driver details, prioritizing passenger safety and organizational efficiency.*
- Integrated authentication features, allowing secure sign-in and sign-up processes for enhanced data protection and controlled access.
- Incorporated user-friendly features for ride searches based on driver demographics, car specifications, and location, contributing to effective time management and minimizing driver-related discrepancies.
- Accomplishment: Successfully deployed the app on Streamlit Cloud through GitHub integration, demonstrating proficiency in modern development practices.

References available upon request.