DHINESH T

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EDUCATION

Er.Perumal Manimekalai College of Engineering **2021 – 2025**
Bachelor of Technology (IT) – **CGPA: 7.7** *Hosur*

Vailankanni matriculation higher secondary school Krishnagiri **2020 – 2021**
High School (PCMC) – **Percentage: 77%** *Krishnagiri*

Vailankanni matriculation higher secondary school Krishnagiri **2018 – 2019**
10th – **Percentage: 73%** *Krishnagiri*

TECHNICAL SKILLS

Programming Languages: Python (OOPS, Functional Programming, File Handling, Exception Handling)

Data Analysis: Python libraries (NumPy, Pandas, Seaborn)

Data Visualization:

- **Power BI:** Data Import, Cleaning, Transformation (Power Query), Data Modelling, Star Schema, Visualization, DAX, Interactive Dashboards.
- **Microsoft Excel:** Data Cleaning, Power Query, Macros (Basics), VLOOKUP/HLOOKUP, Pivot Tables, Charts.

Databases: SQL (CRUD Operations, Joins, Subqueries, Views, Functions, Normalization, MySQL, SSMS, ETL Basics)

Web Technologies: HTML5 (semantic tags), CSS3 (flexbox, grid, responsive design), JavaScript (ES6+, DOM, event handling)

PROJECTS

HR Attrition Analysis
- Cleaned and transformed data using Power Query and created calculated measures with DAX.
- Used Excel for data cleaning and Power BI for DAX, data modelling, and visualization.
- Analyzed employee turnover to identify key factors impacting retention.
- Built an interactive Power BI dashboard showing tenure, salary distribution, satisfaction, job roles, and work–life balance.
- Outcome: Provided actionable insights to help HR improve retention strategies.

Fake news Detection
- Collected and preprocessed news articles dataset for text classification using Python..
- Performed data cleaning, tokenization, and feature extraction with NLTK and TF-IDF vectorization.t.
- Trained and compared machine learning models such as Logistic Regression, Naïve Bayes, and Random Forest to classify news as real or fake..
- Evaluated models using accuracy, precision, recall, and F1-score to determine the best performing algorithm
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INTERNSHIP

VEI technologies ↗ **July 2024**
Role: Junior Software Development Intern *Chennai*
- Hands-on experience in front-end web development using HTML, CSS, and JavaScript.
- Worked in a real-time environment using Visual Studio as the primary IDE.
- Developed responsive layouts and interactive features with JavaScript.
- Collaborated with the team and followed clean coding practices.

CERTIFICATIONS

- $SQL Advanced - Hackerrank.$
- $Python Full Stack with Data Analytics - PySpiders.$
- $power BI - officemaster.$