Irulappan T

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Linkedin | HackerRank | Portfolio

EDUCATION

The American College   Madurai
Degree in Master of Data Science

Mannar Thirumali Naicker college   Madurai
Degree in Bachelors of Computer application

EXPERIENCE

Queen Mira International School | Data Analyst

As a detail-oriented Data Analyst proficient in Power BI, I transform complex data into actionable insights. I create interactive dashboards, integrate data from various sources, and conduct in-depth analyses using Power BI, SQL, and Python. My work enhances decision-making by uncovering trends, developing detailed reports, and effectively communicating findings to stakeholders. I collaborate with teams to deliver customized solutions and improve business processes.

S3 Technologies | Python Developer   Madurai, India | 09/2023 - 02/2024

I have strengthened my Python programming skills through real-world projects, especially in machine learning and deep learning. I've collaborated with teams to build and maintain applications using various Python libraries and frameworks. My hands-on experience with data science and neural network models has enriched my proficiency in applying advanced technologies.

SKILLS

Programming Languages:	Python
Libraries/Frameworks:	Scikit-learn, TensorFlow, NumPy, Pandas, Matplotlib, Keras, Seaborn
Tools / Platforms:	Git, Jupyter Notebook, POWER BI, Adobe photoshop, VS Code
Databases:	SQL

PROJECTS / OPEN-SOURCE

Multi plant disease   *python, tesnorflow, jupyter notebook*

Diseases affecting paddy leaves present a notable risk to crop productivity and food security. The timely and precise identification of these diseases is essential for implementing effective management strategies in paddy fields.

School Board Result Analysis using Power BI   *power bi, excel, python*

Led a project analyzing school board exam results with Power BI, creating interactive dashboards to visualize student performance across subjects, grades, and schools. Integrated data from multiple sources, identified trends and areas for improvement, and delivered detailed reports and presentations, enabling data-driven decisions to enhance academic performance.

CERTIFICATIONS

- Python - **HackerRank**
- SQL - **HackerRank**
- Software Engineer Certificate - **HackerRank**
- Data Analysis with Python Certification - freeCodeCamp.
- Power BI Virtual Case Experience - Forage.
- Google Analytics Individual Qualification - Google.
- Data analyst - Accenture.