Irulappan T

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SUMMARY

Data professional with a strong background in data science, specializing in machine learning, adept at transforming complex data into actionable insights, and proficient in predictive modeling and deep data analysis.

EXPERIENCE

Data Analyst — Freelancing
Queen Mira International School — *Madurai, India*
- Analyzed student performance data to identify trends and areas for improvement
- Developed and maintained dashboards for real-time monitoring of key performance indicators
- Collaborated with educators to implement data-driven instructional strategies

Python Developer — Sep 2023 – Feb 2024
S3 Technologies — *Madurai, India*
- Developed and implemented machine learning and deep learning models using Jupyter Notebook
- Worked on data preprocessing, feature engineering, and model evaluation
- Collaborated with team members to integrate models into production systems

Python Junior Developer — Dec 2022 – Apr 2023
Saish Group — *Internship*
- Honed programming abilities and specialized in Python for ML and DL applications
- Tackled global plastic pollution via data visualization using Pandas, Matplotlib, and interactive dashboards
- Identified botnet attacks through ML techniques like random forests and neural networks

SKILLS

- Python
- Git
- HTML
- Scikit-learn
- OpenCV
- Power BI
- SQL
- Pandas
- TensorFlow
- Matplotlib
- Jupyter Notebook
- Adobe Photoshop
- Numpy
- Keras
- Seaborn

EDUCATION

The American College — Madurai, India
Master of Data Science — *2021 – 2023*

Mannar Thirumalai Naicker College — Madurai, India
Bachelor of Computer Applications — *2018 – 2021*

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