

HARSHINI MURALI

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SUMMARY

I am an MSc Data Science student at the University of Greenwich with a strong foundation in machine learning, data analysis, and database management. I am passionate about leveraging data-driven techniques to solve complex problems and uncover actionable insights. Proficient in Python, SQL, and various data visualization tools, I am looking for opportunities to apply my skills in real-world projects and collaborate with professionals in the field.

EDUCATION

MSc Data Science

University of Greenwich | Jan 2024– Present

- Coursework: Machine Learning, Big Data Analytics, Graph and Modern Database Systems, Applied Machine Learning, Data Visualization, Cloud and Grid

Bachelor in Computer Application

SRM ARTS AND SCIENCE COLLEGE| 2020–2023

- Graduated with 85% with First Class Distinction

PROJECTS

- Product Classification using Machine learning
- Movie Recommendation System using Python, Scikit-Learn, Pandas
- Emotion Recognition from Voice using Python,
- Librosa for audio processing, TensorFlow Pandas, Matplotlib.
- Financial Data Visualization for Stock Market Analysis
- Crime Hotspot Analysis and Visualization
- Personalized Health Prediction Using Wearable Data using Python (Pandas, Scikit-learn), SQL, TensorFlow, Wearable IoT devices e.g., Fitbit, Apple Watch.

CERTIFICATIONS

- Front-end developer - LOGIN 360*
- Microsoft Excel - I-tech Marketing
- Python- I-tech Marketing
- Cybersecurity- Naan Mudhalvan

TECHNICAL STACK

Data Science/Machine Learning/Deep Learning

Python, Data Visualization, Supervised learning algorithm, Unsupervised Learning algorithm, Cross-validation, NLP,ANN, CNN, EDA, Feature Engineering, Feature selection and extraction

Python Packages and Frameworks

Scikit-Learn, NumPy, Pandas, Tensorflow, Testing and Debugging

Databases

MySQL, MongoDB, Redis, Cassandra, Oracle, PL-Sql and Neo4j

Big data and Data Engineering

Hive, Hadoop, Spark, HBase

Programming Language

Python, R, Javascript, HTML, CSS, XML

Cloud Deployment

AWS beanstack and Netlify

SOFT SKILLS

- Fast Learner , Leadership, Communication,
- Time-management, Problem solving, Multi-tasking

INTERESTS

- Data Scientists, ML/AI , Software Engineer

LANGUAGES KNOWN

- English , Hindi, Telugu, Tamil