Lokesh Umamaheswari Ethirajan

Data Science Engineer | Skilled in Data Analysis

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in Lokesh-ue

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📍 Edison, NJ

EDUCATION

MASTERS IN DATA SCIENCE

University of New Haven

2023-present   3.5

ELECTRICAL AND ELECTRONICS ENGINEERING

Anna University Regional Campus Coimbatore

2019-2023   8.5

SKILL HIGHLIGHTS

Python, AI & ML

Data Structures and Algorithms

Git, GitHub, Figma

SQL

Tools

Adobe Photoshop, Figma

PROJECTS

Reinforcement Learning for EV

Developed a Python-based reinforcement learning model to optimize EV charging and routing strategies.

Leveraged machine learning frameworks such as TensorFlow/PyTorch and tools like OpenAI Gym

Finance Website

Designed and developed a responsive finance-focused website using HTML, CSS, and JavaScript.

Implemented an interactive feature to split expenses among users, calculating individual shares after a spend by a single user.

Expense Tracker with Data Visualization

Developed an Excel-based solution to track and categorize personal or 1 expenses

SOFT SKILLS

| Self learner | Analytical skills | Flexibilty |

| Cultural Adaptability | Team work |

AREA OF INTEREST

| Data modelling | Cloud Computing | ML &AI |

| Big data | Software Development |

ACHIEVEMENTS

Selected as one of the semifinalist in a tech competition organized by Tamil nadu government

Project on IOT domain   10/2021

Participated in the National Conference on Innovation in Computing Technologies

Presented an article on 'Speaking system for individuals with speech disabilities   05/2023

INTERNSHIP

GatewaySolutions

Training on IoT and C language   6/2021-8/2021

AQUASUB Engineering

Training on software testing   4/2023 -6/2023

CERTIFICATIONS

Python for Machine learning and Data Science

Udemy

Data Cleaning and Manipulating with Python in Excel

LinkedIn

Android APP development using JAVA

IIT Chennai

EXTRA CURRICULAR ACTIVITIES

Video editor

National Social Service Volunteer

Tutoring