Manoj Manoharan

Tirupur, TN | +91 82486 68763 | manojmanoharan1804@gmail.com | LinkedIn | GitHub | Kaggle

Education

B.E., - C.C.E.	Sri Eshwar College of Engineering	7.75* (CGPA)	2021 – 2025
T.N.B.S.E. – H.S.C.	Universal Mat. Hr. Sec. School	91.34 %	2019 – 2021
T.N.B.S.E. – S.S.L.C.	Universal Mat. Hr. Sec. School	90.41 %	2018 – 2019

Experience

Data Science and Analytics Internship at PNT Academy **Dec 2023**

Applied Data Science Methodologies, deriving insights through Analytics. Learned and practiced several basic ML algorithms and Python libraries like NumPy, Pandas, SciPy, Matplotlib, Seaborn etc., And also get exposure to the applied Statistics and Power BI.

MERN Stack Development Internship at Electro Cloud Labs **Jun 2023**

During the training period, refined Web development skills were honed with MERN Stack, culminating in the completion of the project named ZILLO. Throughout the period learned HTML, CSS, JavaScript, ReactJS, NodeJS, Express JS, MongoDB and MySQL.

Projects

Sentimental Analysis **Feb 2024**

Sentiment analysis of YouTube comments was conducted using NLP techniques to classify comments into positive, negative, or neutral categories. The NLTK library, Google API client, Scikit-learn, and Stream-lit were employed for NLP, YouTube API access, model creation, and app framework, respectively.

Huddle Aid **Aug 2023**

A team of four was led to develop a web project integrated with AI that accurately identifies video trimming points, creating customized shorter versions. HTML, CSS, Python (Flask), MySQL, Speech Recognition, and MoviePy Library were utilized for project completion.

Care Sync **Mar 2023**

Care Sync, a secure medical management system, was developed to enable doctors to access patient histories via fingerprint authentication, ensuring quick record retrieval in emergencies. HTML, CSS, MongoDB, and C# for fingerprint devices were utilized, highlighting a commitment to innovative healthcare solutions.

Certifications

Associate Data Scientist in Data Camp	Jun 2024
Associate Data Engineer in Data Camp	Jun 2024
SQL Associate in Data Camp	Jun 2024
Supervised Machine Learning: Regression and Classification by Standford in Coursera	Feb 2024
A Crash Course in Data Science by John Hopkins University in Coursera	Nov 2023
Master Course in Full Stack Development in Great Learning	Oct 2023
Mastering Data Structures & Algorithms using C and C++ in Udemy	Nov 2022

Technical Skills

Programming	Java, Python, C, JavaScript
Web Technologies	HTML, CSS, React JS, Node JS, Express
Data Science & Analytics	NumPy, Pandas, SciPy, Matplotlib, Seaborn, Power BI
Artificial Intelligence	Scikit-learn, Tensor-flow, Neural Network, CNN, RNN, LSTM, RAG, NLTK
Core Concepts	MySQL, PostgreSQL, MongoDB, CN, OS, OOPs

Achievements

- Published a Theory paper titled, *"Neuralink's Approach to Spinal Cord Injuries and Vision Impairment through Pioneering Brain-Machine interfaces"*. It highlights the alternate approach for Vision Impairment using Mental Synthesis Theory. Paper is still in press.
- Participated in the *V3-Kickoff event hosted by Backdrop Build*, a community-driven initiative fostering collaboration among builders in frontier technologies such as AI, Open Source, and Crypto.