MAHALAKSHMI SARAVANAN

mahamahimasaravanan@gmail.com • +91 9150896316

Linkedin | Github | Notion - Portfolio

SUMMARY

Ambitious and resourceful B.Tech graduate in Information Technology, passionate about leveraging technology to drive innovation. Seeking an entry-level position where I can apply my problem-solving abilities and technical knowledge to contribute effectively to a progressive organization.

PROJECTS

Image Reconstruction using Near and Far Receptive Fields .   Dec 2022 - Apr-2023

This project introduces a three-stage inpainting framework that overcomes challenges in image completion by adapting receptive field sizes, yielding superior results on public datasets.

Data Trading using Blockchain.   Mar 2022 - May 2024

The project secures datasets using blockchain technology to prevent dishonest behavior and hacking in traditional data trading platforms. By decentralizing data exchange, it ensures trusted transactions and prevents unauthorized resale or modification. It simulates data trading with cryptocurrency (ether) in a blockchain-based environment for secure transformation.

Hourly Energy Consumption.   Sep 2021 - Nov 2021

The project uses time series forecasting with the Prophet model to predict future energy consumption based on peak hours, days, and weeks. The dataset includes Date & Time with Megawatts produced. Prophet helps model seasonal trends, and regression calculates numerical values for the predictions.

EDUCATION

Bachelor of Technology in Information Technology   Aug 2019 - Apr 2023
Mepco Schlenk Engineering College , Sivakasi.
CGPA - 8.08

Class XII   Jun 2018 - Apr 2019
Srivi Lions Matriculation Higher Secondary School.
75.33%

Class X   Jun 2016 - Mar 2017
Rangarao Lions Matriculation School.
98.2%

ADDITIONAL INFORMATION

- **Technical Skills:** Java, SQL, Big Data Analytics, Networking,python,Software Testing and lifecycles, UI/UX .
- **Languages:** English, Tamil.(Read,Write,Speak).
- **Certifications:** Big Data Computing (2021 NPTEL)Data Processing Specialist, Software Engineer-IT services(AMCAT).

DECLARATION

I, hereby declare that all the details furnished above by me are correct and to the best of my knowledge and belief.

Place: Watrap

S.Mahalakshmi

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