Tharunraj Mailvakanan
Full Stack Web Developer

Enthusiastic web developer Full Stack willing to make greater contribution though hard effort to the team's success. Very careful to obtain additional knowledge to gain great organizational abilities. Gained expertise in the development and training of Popular Web Languages and Frameworks in web development projects.

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https://tharunoptimus.github.io/
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Blog

WORK EXPERIENCE

Shape AI
Data Analyst Intern
April 2021 - May 2021

- Worked on a ML Model to predict the prices for an area in a city of best score 84%
- Used Linear Regression, K-Fold cross validation and Grid Search CV with a dataset containing 13320 rows

PROJECTS

Thunder me
A fully responsive social media PWA just like Twitter.
https://thunderme.herokuapp.com/

- **Used** Express to build RESTful APIs.
- Used PUG and jQuery for the Front End and MongoDB as the database.

Search Engine
Search for sites and images
https://search.up.railway.app/

- **Used Express** to build RESTful APIs
- Created a Crawler Bot using **node-fetch, cheerio to crawl.**

Talk
A Disposable Private Messenger on socket.io
https://disposeable.herokuapp.com/

- Used socket.io to handle the messages, jQuery, PUG for Front End

Placeholder API
Created a npm package placeholder-image-data-url
https://www.npmjs.com/package/placeholder-image-data-url

Realtime Image Content Prediction
Created a PWA to detect using tensorflow.js and ImageNet Dataset
https://predict-image.netlify.app/

SKILLS

Machine Learning

- Tensorflow.js
- Python3
- Keras

Web

- Express.js
- HTML, CSS, JS
- jQuery
- NEXT.js
- PHP
- Web Assembly
- Cloud (AWS)

Database

- NoSQL (MongoDB, Apache Solr)
- SQL (Oracle SQL*Plus, MySQL)

Multi-Purpose

- C++
- Go

EDUCATION

B. Tech Information Technology
Madras Institute of Technology
2019 - current
Chennai, India
GPA: 8.4