THULASIRAMAN S

React, Node, AI full-stack Application Developer.
Innovator, Mentor

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SKILL

Skill	Rating
NODE JS	★★★★☆
PYTHON	★★★★★
.NET CORE	★★★★★
REACT JS	★★★★★
REDUX	★★★★★
ANGULAR	★★★★☆
TENSORFLOW	★★★☆☆
SQL	★★★★☆
POSTGRES SQL	★★★★☆
SCIKIT-LEARN	★★★★★
PANDAS	★★★★☆
NUMPY	★★★★★
SCIPY	★★★★★
SPARK-ML	★★★★☆
Linux Command	★★★★☆
REST API	★★★★★
TABLEAU	★★★★☆
RAG	★★★★☆

Business Skills

Skill	Rating
HR-MANAGEMENT	★★★★★
MEDICAL DATA	★★★★★

Languages Known

Language	Rating
English	★★★★★
Tamil	★★★★★

Certification

Microsoft Azure-cloud computing programe Fom manipal pro learn..

Personnel Details

DOB   : 24/02/1993
Gender   : Male
Nationality   : Indian

CAREER SUMMARY

- Around 7 years of experience as a Full stack Web/Application Developer and Machine learning with analytical programming using Python, Deep learning frameworks, Tensorflow, Node JS , Angular, and React client-side Frameworks.
- Experience in LLM Api integrations and RAG-based application development
- Experience in Node.js with Express Framework in API development
- Proficient in .NET Core 6 in API development
- Excellent programming abilities in JavaScript and Python (Django & TensorFlow)
- Experience in React with Redux toolkit and React Query
- Experience using CSS library such as Tailwind CSS
- Proficient in SQL databases MySQL, PostgreSQL
- Proficient in GraphQL
- Working Experience in Azure services like Azure Functions, Event Grid, and Cosmos DB
- Proficient in No SQL databases Mongo DB
- Experience with Scikit-learn machine learning libraries and Seaborn data visualization libraries, Numpy, Scipy, matplotlib, and Pandas python libraries during development and data analysis lifecycle
- Experience with Component-based application development
- Experience in Authentication and Authorization flow with JWT

EDUCATION

Anna University of Technology, Chennai.
Bachelor OF ENGINEERING (Computer Science)
Aug 2011 to Mar 2015, CGPA – 6.4/10

EXPERIENCE (10 Years)

From June 2019 to Current (Ilink Systems, Chennai)

Project #1:

Client   : Gates Venture
Project   : Workspace for reseachers
Role   : Technical lead
Period   : Sep 2024 to Present
Environment   : OpenAI, React JS , Node JS,.netCore, Azure services, CosmosDB.
Project Summary:
Gates Venture workspace application is a tool for researcher that provides a secure environment to analyze the research data using various tools like Jupiter, RStudio, DBs, Virtual machines, with secure Airlock mechanism and LLM integrations.

Project #2:

Client   **: PayCor**

Project   : HR and Payroll Management

Role   : Fullstack Developer

Period   : Feb 2021 to Sep 2024

Environment   : React JS , .node JS ,Azure services, GrpahQL, CosmosDB.

Project Summary:

Paycor is an HR management application which is having multiple modules combined together with microservices like architecture this application handles more than 10,000 clients for their payroll management

Project #2:

Client   **: Plateau MNMR**

Project   **: ASMIS2.0**

Role   : Full stack Developer

Period   : May 2020 to Feb 2021

Environment   : Angular, Tensoflow, Node Js with Express, MySQL.

Project Summary:

MNMR is US Army Application that is used to analyze the Mishap during army training and report the Mishap with accurate evidence

Project #3:

Client   **: WisdomX**

Project   : E-Commerce and Auditing

Role   : Software Developer

Period   : Aug 2019 to May 2020

Environment   : Angular , Tensoflow, Node Js with Express , MySQL.

Project Summary:

This project consists of two sub-projects, one for WisdomX Client, and another one is WisdomX setup, it's an auditing application of supermarkets with the intereactions between terminal devices like bar code reader, clients can track the products listings and availability from this application

Project #3:

Client   **: Halliburtoun**

Project   : Auditing and wireline usage statistics

Role   : Software Developer

Period   : June 2019 to Aug 2019

Environment   : React JS, MySql, MongoDb, PowerBI, Node JS

Project Summary:

This project consists of two sub-projects, one for a web application to get the data from the internal employees of Halliburton products and another for reporting each product associated with the wireline. this reporting is based on statistical information and a dashboard of the product usage and performance of the products of each month these powerBI reports are developed for the product manager to understand the performance of the products,

From March 2018 to June 2019 (Vougestyle Ecommerce, Salem)

Project #4:

Client   **: Vougestyle.(Freelancing)**

Project   **: Fashion E-commerce solution**

Role   : Full stack Developer.

Period   : June 2015 to March 2018.

Environment   : React JS, Node with Express and Mongo DB

Project Summary:

       Vouge style is the E-commerce platform that provides the online experience for buying their products, this application provides the whole E-commerce, Billing, and order tracking system

From June 2015 to March 2018 (Talent Deserve Recruitment Solutions, Salem)

Project #4:

Client   **: Freelancing**

Project   **: Enterprises Recruitment Evaluation system**

Role   : Full stack Developer.

Period   : June 2015 to March 2018.

Environment   : Python, Django, Tensorflow, react.js

Project Summary:

This application provides End-to-End recruitment solutions for a variety of industries

       Our Team is engaged with providing recruitment for all types of industries so they have to manage the data which is belonged to the company and job applicant like a portfolio of the applicant and company are contained in the central database for real-time collection and analysis for an integrated view of various openings for the relevant skill which is required by the company or firm which we deal with it.

DECLARATION

I hereby declare that the above-written particulars are true to the best of my knowledge and brief.

Place: Signature,

Date: (Thulasiraman S)