VISWAJITH RAJAN R

+91 9003855892 ⋄ Chennai, India

viswajithrajan@gmail.com ⋄ Linkedin ⋄ GitHub

EDUCATION

B.Tech computer science with specialization in AI and ML 2020-2024
SRM Institute of Science and Technology,Chennai
CGPA: 9.18 (6th Semester)

Class XII, Paavai vidhyashram global school 2019 - 2020
Percentage: 77.8

Class X, Green park international school 2017 - 2018
Percentage: 85.4

SKILLS

Languages/Frameworks - Python, C++, HTML, CSS, Node.js, React.js, Express.js
Database - SQL, Mongodb

INTERNSHIP

Culturelligence - Software Developer Engineer Intern June 2023 - July 2023
Developed a food delivery app tailored to customers' detox plans. I utilized Python to create the backend logic and linked it to a MongoDB database. Additionally, I worked on API integration using Node.js and Express.js, enabling smooth communication with the frontend. I also contributed to the frontend development, implementing intuitive user interfaces using HTML, CSS, and JavaScript. Overall, I gained valuable experience in full-stack development and enhanced my skills in backend programming, database management, API usage, and frontend design.

PROJECTS

Heart disease prediction - Machine Learning Sept 2022
Developed a Project centered around heart disease prediction using a Kaggle dataset, conducting in-depth Exploratory Data Analysis (EDA) to comprehend the data's nuances. Employing visualizations, I gained insights into feature distributions and correlations. By employing ROC curves, I determined the most effective ML model, accentuating its accuracy. This project showcases my adeptness in EDA, data visualization, and model evaluation for accurate healthcare predictions.

Hotel Website - Front-end development Aug 2022
Crafted an immersive and visually appealing hotel website's front-end, offering users a seamless and engaging browsing experience. The website will serve as a virtual gateway for prospective guests to explore the hotel's offerings, accommodations, services, and make reservations. The front-end development will be executed using React for its modular components, HTML for structure, CSS for styling, and JavaScript for interactivity. The application will utilize routing techniques like react-router-dom for managing different pages effectively.

News data analysis - Natural language processing Jan 2023
I have worked on News category dataset in which you are provided with news headlines from the year 2012 to 2018 obtained from HuffPost and you are asked to classify them with the right category. Using python to do the following tasks on the dataset: Environment setup, language detection, text preprocessing, length analysis, sentiment analysis, Named-Entity recognition, word frequency, Word vectors and Topic modeling.

CERTIFICATIONS

- **Introduction to programming using HTML, CSS and Bootstrap** Certifying Authority: **NXTWAVE**

- **Data structures and Algorithms** Certifying Authority: **Udemy**

HACKATHONS / CONFERENCE / WORKSHOPS

- Security Hackathon conducted by Microsoft

- Becoming a professional programmer conducted by NXTWAVE

- Entrepreneur Bootcamp conducted by SRM