

SURESHBABU S

IT Engineer

Motivated IT engineer graduate with a strong foundation in software development and problem-solving. Seeking an entry-level position where I can apply my technical skills and contribute to innovative projects while continuously learning and growing in a dynamic IT environment

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EDUCATION

Bachelor Of Technology Rajalakshmi Engineering College

05/2019 - 06/2023

7.54

Field of Study

- Information Technology.

HSC

Wisdom Vidhyashram Matric. Hr. Sec. School

06/2018 - 03/2019

52 %

SSLC

Wisdom Vidhyashram Matric. Hr. Sec. School

06/2016 - 03/2017

77.60 %

INTERNSHIP

Machine Learning Using Python Verzeo

03/2022 - 04/2022

Achievements/Tasks

- Conducted **Twitter sentiment analysis** using **NLP techniques** like tokenization, stopword removal, and **TF-IDF** to preprocess and analyze large datasets.
- Implemented **machine learning models** (Logistic Regression, SVM, Random Forest) using **Python libraries** (Scikit-Learn, NLTK, Pandas, NumPy) to classify tweets as positive or negative.
- Enhanced **sentiment detection** and **text classification** for social media data, improving accuracy and enabling efficient analysis of real-world datasets.

SKILLS

Python

Java

HTML

C

Git

CSS

Microsoft Office

C++

JavaScript

MySQL

ACADEMIC PROJECTS

Smart Parking Lot System (03/2022 - 04/2022)

- Designed a smart parking system using **OpenCV** and **TensorFlow** for image processing and machine learning, integrated with **IoT sensors** (ultrasonic, RFID, LiDAR) for real-time data collection. Built backend with **Python**
- A **web/mobile application** provides **real-time parking availability** using **RESTful APIs**, while **cloud computing and edge processing** enhance performance, enabling **automated alerts, predictive analytics, and smart space allocation** to optimize urban parking and traffic management.

Frontend Replication (Netflix Clone) (12/2022 - 02/2023)

- The **frontend** is built using **HTML, CSS, and React.js**, ensuring a responsive UI with smooth navigation, while **CSS** handles styling, and **React.js** manages state and component-based architecture for dynamic content rendering.
- The **backend** interacts with a **MySQL database** through **REST APIs**, tested using **Postman**, storing user data, watch history, and subscriptions, ensuring efficient data handling, seamless content updates, and optimized viewing experiences.

Frontend Design & Prototyping in Figma (02/2022 - 05/2023)

- Completed a **CarRentify project in Figma**, enhancing **UI/UX design, prototyping, and workflow integration** by connecting Figma with other tools to streamline the design-to-development process.
- Worked on **real-time frontend projects**, implementing **responsive design principles, interactive components, and user-centric interfaces** to create visually appealing and highly functional web applications.

CERTIFICATES

Python (12/2022 - 02/2023)

Programming in Java Full-stack (12/2022 - 02/2023)

LANGUAGES

English

Full Professional Proficiency

Tamil

Full Professional Proficiency

Japanese

Elementary Proficiency