

SRIDHAR S

Full Stack JAVA Developer

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Profile Summary

A highly motivated and detail-oriented Java developer with a strong foundation in Core Java, object-oriented programming, and basic knowledge of frameworks like Spring and Hibernate. Proficient in writing, debugging, and optimizing Java code, with exposure to relational databases such as Oracle SQL and tools like Git for version control. Familiar with web development concepts, including Servlets. Possesses strong problem-solving skills, a collaborative mindset, and interest in learning new technologies to contribute effectively to innovative projects.

Technical Skills

Programming Languages: Java, JavaScript(Basic).

Web Development: HTML, CSS, JavaScript.

Database: Oracle SQL.

Tools: Postman, Vs Code, Eclipse, Canva, PowerPoint.

Framework: Hibernate, Spring-boot, Spring, J2EE.

Version Controllers: Git, Git hub.

Soft Skills: Time-Management, Observation, Multi-tasking, Decision-Making, Self-Motivator.

Undergraduate: Data Structure, Networks, Algorithm.

Projects

SOTAIR-Explainable Artificial Intelligence Applications in Cyber Security: State-of-the-Art in Research

Role: Team Member

Cyber security is a lot of advancements and procedures intended to secure PCs, networks, projects, and information from assaults and unapproved access, change, or obliteration. As dangers become increasingly refined the latest advancements, for example, Machine learning are utilized in the cyber security network to use security capacities. Machine Learning techniques are being used to improve the detection of cybersecurity threats such as hackers, spyware, phishing attacks, and network intrusions.

ML enables the automation of various security functions, making it possible to respond to cyber threats in real-time. ML is being applied across critical sectors like finance, healthcare, and industry to bolster cybersecurity defenses. XAI helps clarify how AI models detect threats or anomalies, enhancing transparency in cybersecurity systems. XAI promotes trust by enabling cybersecurity analysts to understand and validate AI-driven security decisions.

Technologies Used: Html, CSS, Python, Django, MySQL.

AI-DRIVEN CAR PARKING SYSTEM.

Role: Team Member

Developed an innovative AI-driven car parking system utilizing OpenCV for real-time image processing and analysis. The system efficiently detect sand tracks vehicles with in the parking area, employing machine learning models to predict and manage parking space availability. This project aimed to streamline parking operations, enhance user experience, demonstrate the practical application of computer vision in smart parking solutions.

Key Achievements:

- Implemented vehicle detection and tracking algorithms using OpenCV for accurate real time monitoring.
- Integrated machine learning models to predict and optimize parking space availability, reducing search time for users.
- Collaborated with a multidisciplinary team to ensure seamless integration with existing infrastructure and hardware components.
- Conducted thorough testing and optimization, resulting in a reliable and efficient AI-based parking solution.

Technologies Used: Python, Django, MySQL, OpenCV, Computer Vision, Real-time image Processing

Mini Projects

WEATHER FORECASTING API:

Role: Team member

Weather APIs (Application Programming Interfaces) have revolutionized the way developers integrate real-time weather data into their applications. These APIs act as intermediaries, providing access to comprehensive weather information from reliable sources. With the help of a Weather API, developers can effortlessly retrieve current weather conditions, forecasts, historical data, and other weather-related details to enhance their applications. JavaScript, as a versatile programming language for web development, offers powerful tools and frameworks that enable developers to leverage Weather APIs (Application Programming Interfaces) and access comprehensive weather information. This introduction will explore how JavaScript can be utilized to integrate Weather APIs, allowing developers to enhance their applications with accurate and up-to-date weather data.

Technologies Used: Html, CSS, JavaScript, Node JS, Aws.

Library Management | Curd Operation perform in Database by using spring Boot.

Vehicle Management / Choosing the Vehicles from Garage by using java OOPS

Mini Calculator | Performing Arithmetic operations by using java.

Amazon Payment | Processing the payment with different type of Cards.

Certificates:

- Certified In Java Full Stack by Jspider. (July2024-Feb2025)
- Technical workshop on Full Stack Development by Strydo PVT. (Nov2023)
- UNXT Soft Skill Program by Unnati. (June 2023)

Education:

B.Tech In Information Technology:

Global Institute of Engineering and Technology
CGPA: 7.8

2021-2024

Diploma in Civil Engineering :

Guru Ragavendra Polytechnic College
Percentage: 89%

2018-2021

Personal Details

- Date of Birth: Nov 15,2002
- Father Name: Saravanan. M
- Languages: Tamil, English
- Address: Pernambut -Vellore District.
- Hobbies : Watching Movies, Travel, Listening music.

I hereby Declare that all the above Information given by me is True to the best of my Knowledge.