Sivagami Thiagarajan

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Objective

Currently pursuing B.Tech Computer Science at SASTRA University. Have gained knowledge in Python, JAVA, C++, SQL and REST API. Have hands-on experience working with SpringBoot and Spring Framework. Seeking to gain more experience and knowledge in the field of computing technology.

Skills

Technical Skills: Python | C++ | JAVA | OOPS | Data Structures | Algorithms | SQL | DBMS | OS | HTML | CSS | Django | SpringBoot | ROS | Linux | Git | REST API | Problem Solving

Projects

- **MiniProject :** Detection of cardiovascular diseases in ECG images using machine learning and deep learning methods GitHub Link : Mini Project
  - The project focuses on predicting the following cardiac abnormalities: Abnormal Heartbeat, Myocardial Infarction, History of Myocardial Infarction, and Normal Person classes using ECG image dataset.
  - Acquired a foundational understanding of deep learning and machine learning techniques, as well as the practice to use them in projects.
- **CodeAlpha - Web Development** GitHub Link
  - Skilled in developing a static website using HTML and CSS.
  - Implemented Issue Tracker system with Django framework.
- **Python | Django** GitHub Link
  - Created a registration form using Django and Python and attempted to incorporate CRUD operations in it.

Educational Qualifications

SASTRA Deemed University - B.Tech CSE | June 2021 - Present   Tanjore, Tamil Nadu
CGPA : 8.7/10.0

Kendriya Vidyalaya - CBSE | Apr 2009 - Apr 2021   Chennai, Tamil Nadu
X : 93.6 % ; XII : 96.8 %

Experience

Rapyuta Robotics   June 2024 - Present
- Studied C++ and tried using it for algorithms and data structures. CPP_RR
- Learned about basic ROS noetic theory and coded a few programs to control a robot with C++.
- Examined Rapyuta's ALICA application and attempted to construct a few designs for commanding a cluster of robots.

Zepic - Learning Intern   June 2023 - July 2023
- Trained and worked on SpringFramework, PostgreSQL, RestAPI, Java, HTTP Methods
- Worked on mini projects like Book Info System and Employee Management System.
- EmployeeManagementSystem | Book_CRUD | SQL Query Parsing Application

Certifications and Courses

- **Great Learning Course Completion** **-** Obtained Certification in Oracle SQL, Frontend Development HTML, Linux
- **Udemy -** SQL
- **CISCO Networking Academy -** Python

Hobbies and Interest

- Read and listen to podcasts about ancient stories of Kings and Gods.
- Play Badminton