Sakthi ragavan C

Email ID : sakthiragavan359@gmail.com
Contact no : 9110421913

Carrier Objective:

To secure a challenging position in a reputable organization to expand my learnings, knowledge, and skills. To secure a responsible career opportunity to fully utilize my training and skills, while making a significant contribution to the success of the company.

Educational Qualifications:

Course	University/Board	Name of the Institute	Year of passing	Percentage
B.E Electronics and Communication	Visvesvaraya Technological University	Dr. T Thimmaiah Institute of Technology	2023	8.17 Up to 7th Sem (81.17%)
PUC (10+2)	Karnataka secondary education examination board	BEML Composite Pre-University College	2019	62%
SSLC	Karnataka secondary education examination board	St. Mary's Boys High School	2017	69.5%

Project:

Mini Project-1

Title : Iot based weather monitoring system

Key words : IOT, weather station, android interface for Wi-Fi communication, microcontroller, C programming, and weather monitoring.

Description : The IoT-based Weather Monitoring and Reporting System project is used to get Live reporting of weather parameters. It will Monitor temperature, humidity, altitude, and pressure. The project has been developed using ESP 32 Microcontroller.

Mini Project-2

Title : Iot based smart flower pot

Key words : IoT, Smart flowerpot, Android interface for Wi-fi and Bluetooth communication, Microcontroller, C programming, Plant monitoring, data visualization

Description : The IoT-based smart flowerpot and plant maintenance system is used to get live reporting about the plant parameters. It monitors the temperature, humidity, luminosity, and soil moisture

Major Project

Topic : Road environment segmentation using mobilenet v2

Key words : Mobilenet-v2, Image Segmentation, machine learning, CNN, image segmentation, TensorFlow

Description : Road environment segmentation is more than a simulation; it is a competition that served and continues to serve as a central project for a course on Road environment segmentation for Self-Driving Cars. We hope to take steps toward such understanding by drawing insights from the exploration of well-defined traffic simulation environment.

Internship:

Organization	: Inventeron Technologies
Duration	: 04-08-2022 to 04-09-2022.
Domain	: Data science (AI and ML)
Description	: Learnt about artificial intelligence and machine learning where we got hands on experience on Data Cleaning and Pre-processing, Feature Engineering, Model Development and Testing, Performance Evaluation, Data Visualization and Model Deployment.
Organization	: Institution of Electronics and Telecommunication Engineers (IETE)
Duration	: 04-08-2021 to 04-09-2021.
Domain	: Iot and embedded system
Description	: Learnt about IoT and embedded systems where we got hands on experience on Development of IoT devices, Integration of IoT devices with cloud platforms, Embedded systems programming, Debugging and testing, Design and implementation of communication protocols, Development of user interfaces and data analysis.

Strengths:

- Computer proficiency (MS office state level certification).
- Leadership experience (student coordinator for cultural and YUCI club of our college).
- Collaboration talent (so far completed 2 mini projects and collaborate with GitHub repo).
- Communication skills (Languages Known: English, Kannada & Hindi).
- Able to relocate and travel as per the requirements.
- Ability to generate team spirit in a group and work with harmony.
- Microsoft office suite Expert and Fixing software conflicts and repairing computer hardware.
- Creative and open-minded person.
- Problem-solving abilities.

Paper publishing:

Published by Vidyabharati international interdisciplinary research journal on topic "**Iot based smart weather monitoring system**" in august 2021.

Tools	Languages
- PyCharm, Jupiter notebook, Spider IDE, Anaconda Navigator, Eclipse and visual studio code. - IntelliJ IDEA, code block, android studio. - Clion, code space (GitHub), git, VMware and Docker.	- Python - intermediate - Java – beginner - C programming – beginner - MYSQL – beginner - HTML – beginner - RPA (robotic process automation)

Certifications:

Certified by IBM for completing "**Introduction to DevOps**", conducted under Coursera.

Certified by GOOGLE for completing "**Google Data Analytics Professional Certificate**" course conducted under Coursera.

Certified by UDEMY for completing "**Learn Python Programming Masterclass**" course conducted under Udemy.

Certified by UDEMY for completing "**Comprehensive Android App Development Masterclass**" course conducted under Udemy.

Certified by LinkedIn for completing "**Learning MATLAB**" course conducted under LinkedIn learning.

Technical skills:

- Able to work with any kind of operating system (windows, MAC and Linux).
- Knowledge on social coding (did few projects on GitHub).
- Knowledge on the computer hardware (do a part time computer hardware service).
- Basics of C programming, JAVA and PYTHON (typing speed of 38 words per minute).
- MathWorks MATLAB and Tabular data visualization.
- Basics of JavaScript, HTML, XML, MARKDOWN and SQL.

Hobbies:

- Love to play music and do music production
- Drawing (completed 2 state level exams on drawing)
- Watch lot of science related YouTube and podcase
- Play chess and volleyball

Personal Details:

Father's name	: Chinn swamy L.
Mother's name	: Thanmozi T.
Languages	: English, Hindi Kannada and Tamil.
Date of birth	: 12-12-2001.
Address	: #3 Two saw mill line Anderson-pet, KGF 563119
Website	: https://asterisk-ragavan.github.io
LinkedIn	: https://www.linkedin.com/in/sakthi-ragavan
GitHub	: https://github.com/asterisk-ragavan

Declaration:

I hereby declare all the details furnished above is true to the best of knowledge and beliefs.

Place: Kolar Gold Fields
Date: 23-01-2023

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