Karri Raja Sri Pavan

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RESEARCH INTERESTS

I aim to establish a strong foothold in a reputable organization, fostering a dynamic and collaborative work environment, and to consistently evolve in my role, contributing to both personal and organizational success. Furthermore, I aim to embrace challengesand opportunities, striving for excellence in every aspect of my career and playing an integral part in the growth and innovation of the company.

EDUCATION

B.Tech in Electronics and Communication Engineering	April 2023
Raghu Engineering College, Visakhapatnam, Andhra Pradesh	GPA: 7.5/10
12th - State Board of Intermediate Education	May 2019
Ascent College, Visakhapatnam, Andhra Pradesh	GPA: 7.4/10
10th - Secondary School Certificate	May 2017
Viswateja School, Visakhapatnam, Andhra Pradesh	GPA: 9.3/10

PROJECTS

AI TRAFFIC CONTROL COMMANDER | Infrared and inductive loop Sensor, LIDAR Sensor, AI

· Traffic Signal Control: AI algorithms can optimize traffic light sequences to reduce congestion and improve flow.
· Automatic Precise timing for signal light changes.
· It uses the AI to analyze traffic data and mange to transportation.

EARTHQUAKE DETECTOR | *Arduino UNO, Embedded C*

· Seismic activity detection using accelerometer.
· Real-time data analysis with Arduino UNO and embedded C.
· Seismic graph generation for visualization.

TEXTILE ANTENNA | *CST Tool*

· Innovative antenna design using conducting fabrics.
· Utilizes felt as a flexible and lightweight substrate.
· Operates efficiently at 1.6 GHz and 2.6 GHz frequencies.

WORKSHOP

ROBOCOUPLERS PVT LTD | *Workshop*

To understand the Core IOT concepts, attended a workshop at ROBOCOUPLERS PVT LTD.

APSSDC | *Workshop*

Participated in Artificial Intelligence and Machine Learning fundamentals workshop in APSSDC Extra-Curricular Activities.

MAKE-A-THON | *Competition*

Participated in MAKE-A-THON competition for Sparks2k22, which was conducted in Raghu Engineering College.

CERTIFICATION

● I completed a UI/UX course from Tech Mahindra Foundation and learned to design Front-end Projects.
● I have learned the skills To design websites using Word Press and I have worked on web projects.
● I also have learned the editing skills using Adobe Photoshop and Adobe illustrator.

TECHNICAL SKILLS

LANGUAGES | JAVA, HTML , CSS , JAVA SCRIPT.

Frameworks and Technologies | AI and ML Technology, BootStrap, Word Press, *CST Tool.*

EDITOR| FIGMA , Adobe Photoshop , Adobe illustrator , Visual Studio Code.

LIBRARY| React JS

PERSONALITY TRAITS

● Adaptable
● Problem-Solving
● Well-Organized and Punctual:
● Critical Thinking and Analytical Skills