

Sooraj S

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Education:

❖ Bachelor of Technology in Computer Science and Engineering

PES University, RR campus Bengaluru, Karnataka

Jan 2023 – present | GPA: 7.85/10

❖ Diploma in Electronics and Communication Engineering

Sri Jayachamarajendra(Govt.) Polytechnic Bengaluru, Karnataka

July 2019 – October 2022 | Percentage: 86.46/100 (All Semester Average)

❖ SSLC

Vishwa Kalaa Niketan Model English High School

May 2019 passed | Percentage: 94.56/100

Experience:

❖ Research Intern | CIE @ PESU

June 2024 – July 2024

- Developed an advanced in-vehicle infotainment system using Raspberry Pi 5 and Android Automotive OS
- Deployed a surveillance application for real-time CCTV intrusion alerts and live streaming to evaluate the OS's stability and capability.

Projects:

❖ Audio Deepfake Detection

Developed an audio deepfake detection system using advanced neural networks to analyze audio features in real time, ensuring accurate identification of fake audios.

❖ FOREVER: E-commerce Platform

Developed a seamless e-commerce platform with secure payment integration and efficient inventory management, focused on responsive design and personalized product recommendations.

❖ IoT Based Car Safety System

Developed an IoT-based car safety system with fingerprint ignition, crash detection, and drowsiness detection, featuring automated responses, demonstrated on a Bluetooth-controlled car.

❖ IoT Based Prepaid Energy Meter

Developed an add-on for existing energy meters, transforming them into smart energy meters that allow users to recharge as needed and use energy without any human intervention.

Skills:

❖ Programming Languages:

Python, C/C++, Javascript.

❖ Technical Skills:

Operating Systems, Networks, Cloud Computing, Databases, AIML, OOPs.

❖ Tools and Frameworks:

MERN Stack, Git, MySQL, PyTorch, TensorFlow, Scikit-learn, pandas.

❖ Interests:

Internet of Things, Web Development.