

S Prashanth Shankar

+919444260428 | sprashanthshankar@gmail.com | [LinkedIn](#)

EDUCATION

SRM University

Bachelor of Technology in Electronics and Communication Engineering | CGPA-8.98/10

Ramapuram, Tamil Nadu

Oct 2020 – June 2024

EXPERIENCE

Bharat Sanchar Nigam Limited (BSNL)-[Link](#)

Chennai, Tamil Nadu

Dec 2023 – Dec 2023

- Completed a wired and wireless communication internship, actively engaged in networking and optical fiber tasks using Hub, Switches, LAN, and MAN to deliver projects
- It was a learning experience delving into **basic communication systems and operations**.
- Interacted with professionals working at the BSNL training center where they shared their experience, cultivated a deeper understanding of **industry-leading practices**, and contributed to the successful completion of a **project** within the specified timeline

Achievements

ITDECC-2023-[Link](#)

- Presented at an **International Conference on Electric Vehicles (EVs) and Hybrid Electric Vehicles (HEVs)** are two types of vehicles that aim to reduce dependence on traditional internal combustion engines and mitigate the environmental impact of transportation.
- Received "**Certificate of Appreciation**" for presenting in ITDECC-23.

PROJECT EXPO-202 -[Link](#)

- Presented a working model of **Blind Assist Robo** is a robotic system designed to assist individuals who are blind or visually impaired in navigating their surroundings, performing daily tasks, and enhancing their overall independence.
- Received "**Award of Excellence**" by the Department of Electronics and Communication.

PROJECTS

Smart Parking System using FastTag /

Aug 2023 – Nov 2023

- The Smart Parking System using the FASTAG project aims to **revolutionize parking management** by leveraging FASTag technology, which is already widely used for electronic toll collection on highways in India.
- FASTAG Integration, RFID Technology, Real-time Monitoring, Automated Payments.
- This system aims to provide **real-time information about parking availability and enhance** the overall parking experience.

Blind Assist Robo /

Dec 2021 – May 2022

- The Blind Assist Robo project aims to develop a **robotic system specifically designed to assist individuals** with visual impairments in navigating their surroundings independently.
- Object Recognition, Navigation, Obstacle Avoidance, Wearable Device Integration.
- The project encompasses a broad range of knowledge gained through research, development, and user feedback.

SKILLS

General Skills: Management, Strategic thinking, Logical reasoning, Outcome evaluation, English typewriting (Senior level)

Programming Language: Basic Python, MATLAB

Languages Proficiency: English (Professional), Tamil (Native), Hindi (Intermediate), German (Elementary)

Certifications

Electric Vehicles (NPTEL)-[Link](#)

IoT using Smart Devices (TVS Training & Services)

MATLAB Onramp (MathWorks)-[Link](#)

Introduction to Internet of Things (NPTEL)-[Link](#)