

Siva Prasath V

✉ sivaprasath.2203127@srec.ac.in ☎ 8248291455 📍 Coimbatore, India

🌐 github.com/Sivaprasath-V 🔗 <https://sivaprasath-personal-portfolio.netlify.app/>

👤 Profile

Eager to work in a growth-oriented environment to improve my skills and technical knowledge, and actively contribute to a challenging position that fosters my growth as a fresher while supporting the organization's development.

🎓 Education

Sri Ramakrishna Engineering College <i>Bachelor in Electrical and Electronics Engineering</i>	2022 – Present Coimbatore
kailesh maansarovar school cbse <i>Higher Secondary Education</i>	2022 Salem
kailesh maansarovar school cbse <i>Secondary School Education</i>	2020 Salem

🧠 Skills

Programming Languages: — Java | c • **Tool:** — Android Studio | Visual Studio Code • **Technical Skills**
— Digital Circuits | Circuit Theorey

📁 Projects

Automated Water Distribution and Quality Monitoring System

Designed automated control mechanisms with solenoid valves to regulate water distribution and prevent leakage. Developed a modular system adaptable for urban areas, supporting equitable water access and demand fluctuation. Enhanced transparency through real-time data acquisition, enabling efficient water management and compliance with usage regulations.

Takeaways: Automation, Modular Design, Real-Time Monitoring, IoT.

Vehicle Surveillance and Parking Management System

The system utilizes the ESP32-CAM module for capturing video streams, coupled with YOLOv8 for real-time license plate recognition. Processed data, including vehicle number plates is stored in a CSV format, facilitating easy access and analysis. A simple HTML web page displays the CSV information, allowing users to monitor and interact with the system.

Takeaways: YOLOv8, ESP32-CAM, CSV Data handling, HTML, CSS.

📁 INTERNSHIPS

SALZER ELECTRONICS LTD., UNIT-II, Coimbatore

Electrical Maintenance at SALEM STEEL PLANT, Salem

🏆 Awards

Finalist in Hackathon NEXUS24 23/03/2024
organized by CIT

Finalist in SREC hackathon 13/03/2024
Sri Ramakrishna Engineering College

🏅 Extracurricular activities:

- Wildlife Photographer and active Ornithologist of Salem Birds Association
- Executive member of PHORARTZ CLUB.
- Executive member of YI YUVA.