SURENDAR.L

ELECTRONICS ENGINEER

🌐 https://surendar050.github.io/my-portfolio/

CONTACT

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EDUCATION

PONDICHERRY UNIVERSITY

2024-2028

- B.Tech Electronics and Communication Engineering

SKILLS

- **Frontend:** HTML, CSS, JavaScript, React
- **Backend:** Node.js, MangoDB, Python, APIs integration, C language,Docker
- **Android Development:** Kotlin
- **Automation : ,** Web Automation, Python automation, JavaScript Automation
- **Embedded & IoT:** Arduino, Linux, IoT Protocols
- **Cybersecurity Tools:** Kali LinuxWireshark, Burp Suite, Nmap, Metasploit, SQLMap
- **Design:** UI/UX principles, Video Editing

PROFILE SUMMARY

Innovative and detail-oriented technology enthusiast specializing in full-stack development, AI integration, and IoT solutions. Skilled in DevOps, automation, and UI/UX design, with the ability to bridge the gap between software and hardware. Experienced in Android/iOS app development, desktop applications, and embedded systems. Passionate about building impactful projects that solve real-world problems.

WORK EXPERIENCE AND PROJECTS

Cybersecurity Intern – Pondicherry Cyber Crime Unit

June 6, 2025 – June 26, 2025

- Gained hands-on experience in cybercrime investigation techniques.
- Learned and applied networking and system administration commands in Linux.
- Worked with tools including Wireshark, Burp Suite, Nmap, Metasploit, SQLMap.
- Collaborated with law enforcement on real-world cases.

Android Developer – Educational Platform (EvolveIQ)

- Designed and developed a comprehensive educational mobile app for students and tutors.
- Features: interactive quizzes, uploadable video tutorials, personalized learning paths.
- Skills applied: Kotlin, Android UI/UX (Material Design), API integration, database management, push notifications.

Python Developer – WhatsApp Automation

- Built an automation tool using PyWhatKit and PyAutoGUI for automated messaging.
- Enhanced skills in web automation, API integration, and data handling.