

RAJESH R

Ariyalur, Tamil Nadu, India | rs.rajesh3062005@gmail.com | +91 6380778791 | LinkedIn.com | GitHub.com

Profile

Final-year Electrical and Electronics Engineering student at sastra university with an interest in ethical hacking and network security. Actively learning through hands-on projects and real-world applications, while building skills in networking, IoT, and security. Looking to contribute technical skills to impactful projects while learning from real-world environments.

Education

SASTRA DEEMED UNIVERSITY, Thanjavur 2022 – 2026

- B.Tech in Electrical and Electronics Engineering (SG&EV)
- CGPA: 6.6241/10 (Till 6th Semester)

KAMALA NIKETAN MONTESSORI SCHOOL, Trichy (CBSE) 2022

- Senior Secondary (HSC) Percentage: 77.2%

VIDYA MANDIR SCHOOL, Ariyalur (CBSE) 2020

- Secondary (SSLC) Percentage: 80.8%

Projects

IoT-BASED SINGLE-PHASE POWER FACTOR CORRECTION AND CONTROL PANEL MONITORING SYSTEM Jan – Apr 2025

- Built an IoT system using Esp32 to monitor and correct power factor in real-time, improving energy efficiency.
- Integrated ThingSpeak cloud for remote monitoring and visualization of voltage, current, and power factor data.

AMAZON WEB SCRAPER Apr – May 2025

- Developed a robust web scraper using Selenium, BeautifulSoup, and Pandas to extract detailed product data.
- Automated multi-page scraping, handled dynamic content, and successfully exported all results to a CSV format.

Skills

Programming: Python

Operating Systems: Linux

Networking: TCP/IP Subnetting

IoT & Embedded Systems: ESP32, Sensors, Thingspeak

Tools: Git & Github

Non-Technical: Communication, Motivated, Adaptability, Critical thinking, Tamil, English

Certifications

- **Learn Ethical Hacking From Scratch** (Z Security/Udemy, 2024)
- **Ethical Hacking: Windows Exploitation Basics** (Udemy, 2024)
- **Demystifying Networking** (NPTEL Online Certification, 2025)
- **Internet of Things (IOT)** (SASTRA Deemed University, Thanjavur, 2023)