

VIISNU ANAND S

ELECTRONICS AND COMMUNICATION ENGINEER

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SUMMARY

An enthusiastic Electronics and Communication Engineering student with a deep passion for technology and innovation. Skilled in embedded systems, with practical experience gained through academic projects and real-world applications. A proactive team player and fast learner with a problem-solving mindset, committed to continuous growth and eager to contribute meaningfully to engineering advancements and social development.

EDUCATION

Kumaraguru College of Technology	2022-2026
B.E Electronics and Communication Engineering	
Higher Secondary Education (HSC)	2020-2022
Sri Chaitanya Techno School ,Salem	
Secondary School Education (SSLC)	2018 - 2020
Sri Chaitanya Techno School,Salem	

INTERNSHIP

Pricol Limited (Corporate Manufacturing Engineering (CME) Department	June 2025
• Worked on developing a low-cost wire colour sequence detection system using Jetson Orin Nano, Arducam, and OpenCV. Gained hands-on exposure to PLC automation, industrial R&D workflows, contributing to automation solutions in automotive manufacturing.	

PROJECTS

Smart India Hackathon 2024–Winner of the Problem Statement (ISRO)

- Designed an AI-Powered DVB-S2X Signal Detection & Classification. Designed a real-time signal classification system for DVB-S2X waveforms. Utilized deep learning and SDR-based processing to detect and classify modulation types.

IRoC-U 2025 (ISRO Robotics Challenge)

- Cleared the Elimination Round, ranking among the Top 37 teams in India, by developing an AI-driven UAV with SLAM, LiDAR, 3D vision, and sensor fusion for GNSS-denied navigation, precision mapping, and autonomous landing in Mars-like terrains.

SOFT SKILLS

- Time Management
- Leadership
- Teamwork
- Problem Solving

TECHNICAL SKILLS

- C Programming
- Embedded Systems
- NVIDIA Boards
- GNU Radio

LANGUAGES KNOWN

- Tamil
- English
- Hindi - Beginner Level
- French - Beginner Level

CERTIFICATIONS AND ACHIEVEMENTS:

Awards/Activities:

- Award for Extracurricular Excellence – Honored by KCT for contributions beyond academics.

Certifications:

- NPTEL Certification– Introduction to IoT
- Emerging Trends in IoT Cloud Computing (workshop)
- VLSI Essential Concepts and Detailed Interview Guide – Udemy