

# 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
<ul style="list-style-type: none"><li>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&amp;D workflows, contributing to automation solutions in automotive manufacturing.</li></ul>	

### PROJECTS

Smart India Hackathon 2024–Winner of the Problem Statement (ISRO)
<ul style="list-style-type: none"><li>Designed an AI-Powered DVB-S2X Signal Detection &amp; 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.</li></ul>
IRoC-U 2025 (ISRO Robotics Challenge)
<ul style="list-style-type: none"><li>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.</li></ul>

### SOFT SKILLS

<ul style="list-style-type: none"><li>Time Management</li><li>Leadership</li></ul>	<ul style="list-style-type: none"><li>Teamwork</li><li>Problem Solving</li></ul>
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### TECHNICAL SKILLS

<ul style="list-style-type: none"><li>C Programming</li><li>Embedded Systems</li></ul>	<ul style="list-style-type: none"><li>NVIDIA Boards</li><li>GNU Radio</li></ul>
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### LANGUAGES KNOWN

<ul style="list-style-type: none"><li>Tamil</li><li>English</li></ul>	<ul style="list-style-type: none"><li>Hindi - Beginner Level</li><li>French - Beginner Level</li></ul>
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### 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