

SIDDARTH S

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CAREER OBJECTIVE: Motivated and detail-oriented Electronics and Communication Engineering student (2026 pass-out) seeking a summer internship (June-August 2025) in Embedded Systems, VLSI, or Communication to contribute to real-world projects and build expertise in core domains.

EDUCATION: Bachelor of Engineering (B.E.) in Electronics and Communication Engineering Chennai Institute of Technology, Tamil Nadu | CGPA: 7.55 | 2022 - 2026

TECHNICAL SKILLS:

- Embedded Systems: ESP32, Arduino, BLE Beacons, Embedded C
 - VLSI Design: Verilog, Digital Logic Design, Vivado
 - Circuit Design: EasyEDA, KiCad, Multisim, Proteus
 - Programming: Python, C
 - Tools: MATLAB, Git, VS Code
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PROJECTS Smart Car Parking System

- Developed an intelligent mobile application for multi-vehicle parking slot allocation using real-time navigation, automation, and secure payment integration.
 - Implemented vehicle tracking and slot prediction system with successful real-world testing.
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IoT-Based Indoor Positioning System

- Designed a BLE and ESP32-based real-time indoor navigation system for hospitals and offices.
 - Integrated energy harvesting solutions for better battery optimization.
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Home Automation using Wi-Fi PCB Module

- Created a PCB-based home automation system for controlling appliances via ESP32 and relay module.
 - Powered via a 5V battery supply and integrated with mobile app UI.
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INTERNSHIP & COMPETITIONS Intern - Climate Groomers (HVAC Automation Domain)

- Gained hands-on experience in embedded control and IoT applications within HVAC systems.
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Participant - L&T Ideation Challenge (PRAGYA)

- Proposed an AI-powered research platform for the power sector offering live insights and trend analysis.
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ACHIEVEMENTS & CERTIFICATIONS

- IEEE Member | Paper Writing and Conference Preparation
 - Coursera Power Electronics
 - Published personal projects on GitHub and received positive peer reviews
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AVAILABILITY: Available for a full time internship

DECLARATION: I hereby declare that the information provided above is true to the best of my knowledge.

