

NISHANTH E

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Github: github.com/nishanthEe | Portfolio : nishanthEe.github.io/portfolio/

SUMMARY

Electronics and Communication Engineering undergraduate skilled in digital systems, web technologies, and creative design. Demonstrated leadership as Branding Chair, Innovation Co-Chair, and NSS Student Coordinator, coordinating 100+ participants across IEEE, NSS, and Yuva events. Published one research paper in IEEE Xplore. Experienced in digital branding, content creation, project execution, and web-based platform development.

EDUCATION

Bachelor of Engineering (ECE) – Jeppiaar Engineering College, Chennai (Anna University)

CGPA: 7.9

2023-2025

SRKV Matric Higher Secondary School

- HSC +2 – 85.5% (Rank: 2nd)
- HSC +1 – 78.5% (Rank: 1st)

TECHNICAL SKILLS

Programming & Web: Python, HTML, CSS (Basics)

Tools & Software : MATLAB, Canva, MS Excel, MS Word, MS PowerPoint

Other Skills : Content Writing, Digital Media Design, Team Leadership, Coordination

PROJECTS

- Wireless Power Transmission** (Jan 2025)
Designed a resonant inductive coupling system achieving 82% transmission efficiency at short distances.
- Dental Appointment Management System** (Feb 2025)
Developed a doctor booking & queue system with SMS/email notifications (HTML, CSS, JavaScript).
Improved patient flow efficiency by 30% through automated scheduling.
- Smart Chime with Digital Display** (May 2025)
Developed an Arduino-based automated school bell system. Reduced manual scheduling errors by 95%.

EXPERIENCE

Intern – NLC India Limited (NLCIL), Neyveli (Mine-II)

June 2025 | 14 Days

Exposure to telecommunication systems and networking in mining operations.

Technical Intern – ThinkSemi Infotech Pvt. Ltd.

Dec 2025 | 15 Days

SMT Engineering & Quality Checking

Hands-on experience in SMT processes, PCB inspection, and quality testing.

Digital Media Intern – Manvaasam (Remote)

June 2024 – August 2024

Designed digital creatives and managed social media campaigns.

LEADERSHIP & RESPONSIBILITY

Branding Chair & Innovation Co-Chair – Yuva (2025–Present) - Chairperson – IEEE SPS, SBJEC (2025–Present) - NSS Student Coordinator – Jeppiaar Engineering College (2023–Present) - Event Coordinator – Jeppiaar Engineering College (2023–Present)

RESEARCH & PUBLICATIONS

Published research paper in IEEE Xplore (2025):

A Comparative Performance Analysis of Classical and Gradient Boosting Machine Learning Algorithms for Breast Cancer.

ACHIEVEMENTS

- Winner – Poster Design & Non-Technical Events (2024)
- Star of Maatram Award – Recognized for outstanding contribution (2025)
- Star of Maatram Award – Honored for impactful volunteering and high-performance outcomes (2026)
- Cash Prize – RMK College Event (2024)
- Multiple Certificates – Event participation, coordination, and design

LANGUAGES

- English – Fluent
- Tamil – Native