

# NITHISHKUMAR S

B.E(Electronics and Communication Engineering)

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## SUMMARY

Third-year B.E. Electronics and Communication Engineering student with strong skills in digital electronics, IoT sensors, UI/UX design, and Frontend development. Seeking internship opportunities to apply technical knowledge and gain hands-on industry experience.

## TECHNICAL SKILLS

### Core Electronics & Communication:

- Digital Electronics
- Circuit Design & Simulation
- Signal Processing

### Programming & Software:

- C / C++
- Python
- MATLAB / Simulink

### Tools :

GitHub, VS code, fritzing, Arduino  
IDE, Matlab, Tinkercad

### Design :

Figma, Canva, Photoshop,  
Wordpress

### Soft Skills:

- Problem-solving
- Critical Thinking
- Team Collaboration

## EDUCATION

**EGS PILLAY ENGINEERING COLLEGE, Nagapattinam**

2023-27

B.E(Electronics and Communication Engineering)

CGPA 7.9

**SRINIVASA HR.SEC SCHOOL, Melaiyur**

2022-23

Hsc

68%

## CERTIFICATION

- 30-Day UI/UX Designer – NoiTech (2025)
- AI-ML Training provided on ibm(Edunet)
- HTML & CSS – Great Learning

## Achievements

- **Top 10 Performer**, E-box Python training.
- **Top 5 performer**, C Programming Training with certification.
- Participated in ideathon Program
- Completed **NPTEL** certification course Principles of Communication with **81% score**

## WORKSHOPS

### **IOT on Raspberry pi**

SEP 2024

- Learn Raspberry pi in 1 day workshop
- The workshop expressed on practical and theoretical

### **Ai data analytics & IOT Workshop(Online)**

FEB 2025

- Successfully completed a structured 5-stage online workshop focused on Internet of Things (IoT) using MATLAB and Simulink tools.
- Received a certificate upon successful completion and project submission.

### **Data science - Remarkskill on NIT(Trichy)**

MAR 2025

- Data science in Python in 2 days
- The workshop experienced on practical and theoretical
- Learn beginner to Intermediate Level within 2 days

## PROJECTS

### **Smart Home Automation**

*PIR Motion Sensor | Arduino uno Board*

- Designed and implemented a smart home automation prototype using a PIR motion sensor to detect human movement and control appliances such as lights or fan.
- Demonstrated real-world application for automatic lighting, security alerts, and energy conservation.

### **WhatsApp Clone UI Design For Mobile**

*Figma*

- Designed a high-fidelity UI prototype of WhatsApp using Figma, focusing on replicating the visual structure and user experience of the original app.
- Developed interactive prototypes with clickable navigation flows between screens.

### **E-Commerce UI For Mobile**

*Figma*

- Designed a complete user interface for a niche e-commerce app focused on selling luxury and casual watches.
- Developed a clean, intuitive design emphasizing user-friendly navigation, product discovery, and minimalist aesthetics.
- Designed core screens: Home, Product Listings, Product Detail View, Search , Cart, and User Profile.