

## Sevenni Dinesh

ECE | IoT Product Developer | Embedded Systems Enthusiast

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## Career Objective

Aspiring IoT Product Developer with a strong foundation in Electronics and Communication Engineering. Eager to contribute to impactful IoT solutions using embedded systems, microcontrollers, and real-time data platforms. Seeking to join a forward-thinking organization like Kaynes Technologies to develop innovative, industry-ready IoT products.

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## Education

### Bachelor of Engineering (Electronics and Communication Engineering)

Saveetha School of Engineering, Chennai

2022 – 2026 (Expected)

CGPA: 7.78

### Senior Secondary (Class 12)

Sri Chaitanya Junior College, Andhra Pradesh

Graduated: 2022

Percentage: 75%

### Secondary (Class 10)

Sri Chaitanya School

Graduated: 2020

Percentage: 97%

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## Technical Skills

- **Programming Languages:** Python, C, Java, JavaScript, HTML, CSS, SQL, JSON
- **Embedded Systems & IoT:** Arduino, ESP32, ESP8266, LoRa, RFID, Sensors (Ultrasonic, Temperature, etc.)
- **Tools & Frameworks:** Arduino IDE, Flask, GitHub, Tkinter
- **Concepts:** Embedded Systems, IoT Protocols, VLSI, Logic Design
- **Soft Skills:** Team Collaboration, Problem Solving, Communication, Presentation

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## Certifications

- NPTEL: The Joy of Computing using Python – 75%
  - NPTEL: Internet of Things – 70%
  - NPTEL: Programming in Java – 65%
  - Front-End Development Projects:
    - Interactive Quiz Game using HTML & CSS
    - CGPA Calculator Web Application
    - NPTEL Assignment Score Calculator
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## Projects

### IoT-Based System for Real-Time Water Depth Mapping

*Dec 2024 – Present*

Saveetha School of Engineering

- Designed a boat-based system to measure water depth for agriculture and industrial use.

- **Technologies:** ESP32, Ultrasonic Sensor, Arduino IDE, Python, Cloud Dashboard -

Developed real-time visualizations for depth data and automated alerts. - [Project Article](#)

### RFID-Based Attendance System with ESP & Google Sheets Integration

*Oct 2024 – Nov 2024*

Saveetha School of Engineering

- Developed an RFID-based automated attendance system with real-time data logging. -

**Technologies:** ESP8266, Google Sheets API, C, Python, Arduino - Automated record keeping and ensured accurate tracking without manual intervention.

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## Internships

### Python Developer Intern

LearnFlow

- Built GUI-based apps using Tkinter. - Implemented Flask-based APIs for backend integration.

### Web Developer Intern

CodSoft

- Developed front-end responsive pages using HTML, CSS, and JavaScript. - Designed interactive web applications with focus on UI/UX.

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## **Achievements & Conferences**

- Awarded at National Conference – Balaji Medical College for presentation on smart IoT systems.
  - Participated in multiple inter-college project expos and hackathons.
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## **Languages Known**

- English – Fluent
  - Telugu – Native
  - Hindi – Basic
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## **Extracurricular Activities**

- Core Member – IoT Innovation Cell, Saveetha School of Engineering
- Volunteer – Tech Fest Coordination and Project Mentorship