SARANYA S

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SUMMARY

I am an organized and detail-focused engineer with a passion for creating efficient processes and supporting successful projects. Electronics and Communication Engineering graduate with honors in IoT, with a solid foundation in digital communication, communication systems, and cellular technology. Hands-on experience with UI tools and beginner-level knowledge of Java. Completed internships in Embedded C and Quality Assurance. An active member of NCC and IETE, known for strong communication skills, adaptability, and teamwork.

INTERN EXPERIENCE

Intern Position -Pebbles electronics **2022-2023**

- Actively participated in the production and assembly of mini transformers.
- Assisted in winding, insulation, and basic testing of transformer units.
- Followed quality control procedures to ensure product reliability and safety.
- Developed practical knowledge of production workflows and teamwork in an industrial environment.

Intern position-Illuminen Technologies **2023-2024**

- Completed an internship at Illuminen Technologies in Quality Assurance and Manufacturing.
- Assisted in product inspection, testing, and assembly processes.
- Followed quality standards and gained exposure to industrial workflows.

Intern position-Innovatelogic technologies **2024-2025**

- Worked on register-level programming in Embedded C.
- Implemented and simulated an LED blink project.
- Developed simple mini projects to understand embedded system basics.

EDUCATION

SSLC-St Mary School **2019-2020**

percentage-84.20%

HSC-Auxilium School **2020-2022**

percentage-87%

Bachelor of Engineering **2022-2026**

- Hindusthan college of Engineering and Technology
- Department of ECE
- Percentage-87.30

PROJECT

- RFID based EV Wireless charge station with automated Billing and Battery Management
- Smart Energy Meter with theft detection using Blynk IoT

CERTIFICATION

- NPTEL-Introduction to IOT-75%
- NPTEL-Introduction Industrial IoT 4.0-84%
- NCC B and C Certificate-90%
- Attended workshop based on the Arudino Board