NITHIYA SRI M

PROFESSIONAL SUMMARY

Detail-oriented and highly motivated Electrical and Electronics Engineering student with a strong foundation in software development, machine learning, and IoT. Passionate about leveraging technology to solve real-world problems. Adept at working with Raspberry Pi, Flask, and cloud-based solutions. Finalist in national-level hackathons, demonstrating problem-solving skills and innovation.

INTERNSHIP EXPERIENCE

BSNL Telecommunication

- Gained hands-on experience in network administration and telecommunication infrastructure
- Learned about communication protocols and troubleshooting network issues

PROJECTS

Prediction of Frequent Dislodgment of Conveyor Belt, Developed a predictive model using machine learning to analyze conveyor belt sensor data. Implemented real-time monitoring to detect patterns leading to belt dislodgment. Achieved improved maintenance scheduling, reducing downtime and operational costs. Prediction of Dark Patterns in E-Commerce Websites, Designed a machine learning model to identify deceptive UI/UX practices in e-commerce. Analyzed user behavior data and website structures to detect unethical design patterns. Aimed to improve user trust and promote ethical online shopping experiences.

HACKATHON EXPERIENCE

- Dark Pattern Busters Hackathon, Finalist
- Smart India Hackathon, Finalist

EDUCATION

B.E., Electrical and Electronics Engineering, 01/2025
Panimalar Engineering College

Higher Secondary School Certificate, 01/2021
Sethu Bhaskara Matric. Hr. Sec. School

Secondary School Leaving Certificate, 01/2019
Sethu Bhaskara Matric. Hr. Sec. School

TRAINING

- E-Vehicle.Jarvis 2023, Explored advancements in electric vehicle technologies.
- National Level Technical Symposium, Participated in discussions on emerging trends in engineering.

CERTIFICATIONS

- Smart India Hackathon Finalist Certificate

LANGUAGES

Tamil: First Language
English: Upper Intermediate (B2)   **Telugu:** Proficient (C2)

CONTACT

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TECHNICAL SKILLS

- Java
- Python
- Flask
- React
- PLC
- Selenium
- Fusion 360
- Git
- GitHub
- Problem-Solving
- Communication
- Adaptability
- Team Collaboration
- Critical Thinking