HARIS M

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SUMMARY

Passionate third-year Electronics and Communications Engineering student with a strong interest in computer technology and computer networks. Skilled in programming languages like Python and C, with hands-on experience in Microcontroller and Microprocessors. Proficient in using software tools such as MATLAB, Arduino IDE and Multisim for simulation. Seeking opportunities to apply technical expertise and innovative thinking to contribute to cutting-edge technology development in areas like Embedded systems, Wireless communication and Software-driven hardware solutions.

TECHNICAL SKILLS

Programming languages :
- C Language
- Python
- HTML
- MATLAB

Software :
- Multisim
- MATLAB
- Hackerrank
- MS Office

ACADEMIC BACKGROUND

DEGREE: Bachelor of engineering (B.E) in Electronics and communication Engineering.
COLLEGE: Dhanalakshmi Srinivasan Engineering College (Autonomous), Perambalur, 621212.
YEAR OF STUDYING: 2022-2026
CGPA: 7.3

INTERNSHIPS AND WORKSHOPS

- Intern at NSIC Company, training on industrial based **"EMBEDDED SYSTEMS WITH AI & IOT"**
- Acquire in-depth knowledge of specific components, their operational principles, and undertake multiple projects to apply and reinforce this understanding.
- Developed hands-on skills in working with Arduino boards, ESP32, and ESP8266 to build and implement several mini projects.
- Gained hands-on experience in using a General Purpose (GP) board for connecting resistors, LEDs, and integrated circuits (ICs) to design and test electronic circuits.
- Developed skills in solderless prototyping using a breadboard to test circuit designs before final implementation

PROJECTS

SMART DOOR LOCK USING RFID:
- Developed RFID-Based Smart Door Lock for Keyless Access
- Ensured secure entry with authorized tag detection
- Implemented entry logging for Monitoring Access
- Used Microcontrollers(e.g. Arduino Uno) for System control
- Desinged Compact Hrdware setup with efficient power Use

ADDITIONAL INFORMATION

- **Languages:** English, Tamil.
- Participated in Hackathons, Workshops, Symposium.
- Participation in Technical Clubs