M KEERTHI

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Objective

A passionate and detail-driven Industrial IoT engineering student with working knowledge of programming, proficient in Python, C, C++, and HTML. Academically trained in data structures, algorithms, and database management, with a keen interest in building efficient and user-centric applications. Passionate about learning emerging technologies and contributing to impactful software solutions in dynamic development environments.

Education

Bachelor of Engineering in Industrial IOT	2022–2026
MVJ College of Engineering	CGPA: 7.9/10
Pre-University Course (PUC)	2020–2022
Narayana PU college, Bangalore	Percentage: 87%
SSLC (10th Grade)	2019–2020
Lincoln memorial english high school, Anekal	Percentage: 91.68%

Technical Skills

- Languages: C,C++,Python
- Web Development: HTML, CSS
- Database/Tools: SQL,VS Code
- Others: Data Structures, Algorithms
- IOT Development: Arduino, Raspberry pi, ESP32
- IOT Tools: Arduino IDE

Projects

Smart Pepper Spray: IOT-enabled Women Safety Device With Real-time Tracking And Emergency Alert System
[C/C++, ESP32, GSM, GPS, Camera Module, UART, I2C, SPI]

Developing a real-time safety system that detects distress through sound/button triggers, captures image and GPS location, and sends encrypted emergency alerts via GSM, Wi-Fi, and mesh network communication.

Visitor Counter
[C/C++, Arduino, IR Sensors, LCD Display]

Developed a microcontroller-based system to automatically count and display the number of visitors using IR sensor input, with real-time updates shown on an LCD screen.

Certifications

- Python for beginners-simplilearn
- Time Management-Infosys Springboard
- Flutter forward workshop-GDSC
- Machine learning onramp-Mathworks

Achievements & Activities

- Member of Dhwani, engaging in college-level musical performances and cultural activities.

- Participated in Aquabot robotics competition focused on water-based task automation.