

NAFFESATH THANZEEHA

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Location: Mangalore, Karnataka

SUMMARY

Computer Science Engineering student with interest in embedded systems, IoT, sensors, and programming. Experienced in hardware–software academic projects and continuously improving skills in C, Python, and data structures.

EDUCATION

B.Tech in Computer Science Engineering PA College of Engineering, Mangalore

12th – PCMB Aloysius PU College | **83.33%**

10th-St. Rita English Medium School, Vitla | **94.72%**

SKILLS

Programming: C, Python (Basic)

IoT & Hardware: Arduino, EMG Sensor, ThingSpeak

Concepts: Data Structures, Algorithms

Tools: VS Code, MS Office

Operating System: Windows

PROJECTS

Footstep Electricity Generation (Piezoelectric Model)

- Built a system using piezoelectric sensors to convert foot pressure into electrical energy.
- Created a small-scale storage setup; gained knowledge of energy harvesting and prototyping.

EMG Muscle Sensor with ThingSpeak (IoT Project)

- Captured muscle activity using EMG sensor and microcontroller.
- Uploaded real-time sensor data to ThingSpeak for cloud visualization and monitoring.

CERTIFICATIONS

- Energy Swaraj Foundation – Awareness Certificate
- Planning: Python, Web Development, IoT, Cloud Computing

COURSEWORK

C Programming | Data Structures | Python Basics | IoT Fundamentals

SOFT SKILLS

Analytical Thinking | Problem Solving | Teamwork
Adaptability | Quick Learner | Attention to Detail

LANGUAGES

English | Hindi | Kannada | Malayalam