

# MARUTHI M

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## Objective

Aspiring Embedded Software Engineer with a keen interest in embedded systems. Seeking a challenging role to apply programming skills, contribute to cutting-edge projects, and enhance expertise in the dynamic field of Embedded software engineering. Eager to bring innovation, Problem-solving, and a passion for technology to a forward-thinking team.

## EDUCATION

Gitam university, Bengaluru — Electronics and communication Engineering

(2021-2025) — CGPA 7.77

BGS PU college, KGF — PCMB

(2019-2021) — 83%

## CERTIFICATION

### SMART INDIA HACKATHON

DURATION :- from 14th september to 15th september.

The project is about is to save the people who are stuck in the natural disasters Like earthquakes , Landslides and tornadoes etc. The main aim of your project is to connect the people's through WIFI from the network Which we are created and From that network we will collect the information from the created software .

## **PROJECTS**

### **AI Wumpus World Robot**

#### **Overview:**

Designed and implemented an AI-based robot capable of navigating the Wumpus World environment autonomously.

The project aimed to showcase artificial intelligence algorithms for decision-making and path planning in a simulated dynamic environment.

#### **Technical Skills Applied:**

Artificial Intelligence: Developed and implemented algorithms for decision-making and path planning.

Programming Language used C and Simulation Tool used arduino IDE

## **SKILLS**

#### **Programming Languages:**

C and python(basics)

#### **Embedded System Development:**

Microcontroller programming

#### **Communication Protocols:**

USB

UART

## **SOFT SKILL**

Communication Skills

Problem Solving

Team Management

Communication Skills

