

## **HEMA REDDY MITTAPALLI**

### **C++ and HMI Developer**

**Email:** - hemareddymittapalli71@gmail.com

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### **Career Objective**

To contribute to the success of an organization by fully utilizing my skills and knowledge in the field of Information Technology in a position offering continuous growth and development.

### **Professional Summary**

- Having a good knowledge in C, C++ and QML.
- Well hands on experience as a C++ and HMI Developer.
- Developing software applications using Qt and integrating it with hardware.
- Having good knowledge on communication protocols like UART, UDP, TCP.
- Have good knowledge on board level debugging and verification.
- As per the embedded hardware requirement cross compilation for application programs
- Hardware Knowledge IMX6, Gateworks Newport(6200, 6100) and Toradex boards.

### **Work Experience**

- Currently working as a Sr software engineer at “WIPRO LIMITED” from “October 2021 to " till now"

### **Key Skills**

**Programming Language:** C, C++, QML, Embedded C++

**Operating Systems:** Linux, Windows

**Communication Protocols:** UDP, TCP, UART,

**GUI Tool:** Qt.

**Processors/Platforms:** IMX6, Gateworks Newport (6200, 6100) and Toradex boards.

**Other Soft skills:** Cross compiling.

**Interfacing Modules:** EOIR, Bluetooth.

### **Projects**

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#### **Project 1**

**Title:** - HUMAN MACHINE INTERFACE FOR COPPER COIL WINDING BUNDLES

◦ **Designation:** Software Engineer

- **Environment:** Qt, C, C++, Linux

**Description:**

In this project, we are collecting real time data from the motor and designed the icons for controlling the direction of motor for automatic operation and manual operation and control over motor.

**Role and Responsibility:**

- Coding, developing of various modules of projects associate with.
  - Integrate the all modules together and test the code.
  - Part of a team for resolving issues related to Bug.
  - Involved in functional study of the application.
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**Project 2****Title: - PIXEL LIBRARY**

- **Designation:** Software Engineer
- **Environment:** Qt, C, C++, QML, Linux

**Description:**

In this project we developed GUI and Communication Library for future developing Projects.

**Role and Responsibility:**

- Developing and Testing
- Cross compiling the source code for Specific Target Device
- Testing Application on the Target Device
- Fixing Bugs.

**Education Qualification**

- BSC (MSCS) from S V UNIVERSITY, 2017

**Personal Details**

**Fathers name:** - Iragamareddy

**Pan no:** - BEYPH9323G

**Gender:** - Male

**Marital Status:** - Single

**Languages known:** - English, Hindi, Telugu.

**Relocation:** - Any where

**Declaration:**

I hereby declare that all the information mentioned above is true to the best of my knowledge.

**Date:****Place:****Hemareddy**