

MD TABISH

ADDRESS: BTM, Maruti Nagar
Bangalore, 560068

Mob No: 91-7488147759

Email: mdtabishraza1234@gmail.com

LinkedIn: <https://www.linkedin.com/in/md-tabish-b0760920b/>

PROFILE SUMMARY:

- **1.7 years** of experience in Embedded Engineer.
- Firmware and middleware software developer for different embedded microcontrollers, SOC (System On Chip) Microcontrollers.
- Programming Software using embedded C and CPP.
- Embedded Software development
 - Good understanding of Embedded C, C++.
 - Experience in Driver Development (UART, I2C).
- Good hands-on experience with different SOC's and Controllers, 8051 and ARM Cortex M3(LPC1778).
- Good understanding in **RTOS** (Real Time Operating System).
- Good understanding of different peripheral drivers like **GPIO, UART, SPI, I2C, Timer Interrupt, MKeys, LCD**.
- Good in different protocol drivers and Library development, Like **SPI, I2C, UART**, etc.
- Good in Embedded **C and CPP**.
- Good knowledge of tools like **KEIL and PROTEUS**.

TECHNICAL SKILLS:

- | | |
|---------------------------|--|
| • Programming Languages | : C, Embedded C, C++ |
| • Compilers/IDE | : Keil, Arduino |
| • Communication Protocols | : UART, I2C, SPI, CAN, RS232, ARINC 825, ARINC 429 |
| • Device Drivers | : LCD, MKEYS, UART, SPI, I2C, TIMER, INTERRUPT |

EXPERIENCE SUMMARY:

Sl. No.	Name of the company	Designation	Start to End Date
1	Oxycode Technologies	Embedded Engineer	FEB 6 2023 – AUG -10 2024
2	Mach Global Technologies	Software Engineer	19 Aug 2024 – Till now

PROFESSIONAL EXPERIENCE:

1. Drone Collision Avoidance

OXYCODE TECHNOLOGIES-BHUBNESWAR

- Developed and contributed to the company's proprietary drone products.
- Designing, Simulating and Verifying PCB for drone and obstacle avoidance, along with C code implementation for sensor functionality.
- Also implemented PCB design for drone based on the product.

SOFTWARE TOOL:- KEIL AND PROTIUS.

HARDWARE USED:- ESP8266,nodeMCU,ATMEGA32

2. Development and verification of (UH60-BLACK HAWK HELICOPTOR)

MACH GLOBAL TECHNOLOGIES-BANGALORE

- Excellent knowledge in Software Requirement ,Test Cases, Test Procedure.
- Development Scalable code ensuring long term stability of software.
- Implementing effective debugging strategies based on the (DO178B/C) .
- Ensuring the function based on the DAL level A.
- Solid knowledge in RTRT(Rational Testing Real Time).

Technologies Used: Eclipse , IBM

COURSES AND TRAINING

Training Course of (Embedded and IOT), CRANES VERSITY, BANGALORE

EDUCATIONAL PROFILE:

- Completed **B.Tech in Electronics & Communication Engineering** from **Centurion University of Technology and Management (Odisha)** with a **CGPA of 8.2** in the Year **2023**.

PERSONAL PROJECT:

Home automation (electrical appliance Control), traffic management system, Water Tank Auto filling system, Covid patient blood oxygen monitoring etc.

PERSONAL DETAILS:

- | | | |
|-------------------|---|--|
| • Name | : | Md Tabish |
| • Father Name | : | Syed Faiyaz Saquib |
| • Date of Birth | : | 22Feb 2000 |
| • Nationality | : | Indian |
| • Languages known | : | Hindi, English. |
| • Hobbies | : | Chess, swimming, Cricket |
| • Strengths | : | Dedication towards work, Both hardworking and smart working. |

DECLARATION:

I hereby declare that the information furnished above is true to the best of my knowledge and belief

Date:

Place: Bangalore

MD TABISH