

SHAROOKH NAJEERSAB MURADI

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CAREER OBJECTIVE

Aspiring Embedded Software Engineer with 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 with problem-solving Technique

EDUCATION

GITAM UNIVERSITY Bengaluru | B.tech in Electronic and Communication | **CGPA:-7.82**

Srushti PUC science college, Dharwad | Intermediate | **Secured 91%**

PROJECTS

1. Washing Machine Stimulation

During my tenure at Emertex Institute, I undertook a challenging and rewarding project focused on developing a washing machine simulation using embedded systems. This project not only showcased my technical capabilities but also provided valuable insights into the practical application of embedded systems in real-world scenarios.

INTERNSHIP

1.Embedded Systems

Duration: from 09th February to 18th April 2023

During my internship at Emertxe Institute, I had the invaluable opportunity to immerse myself in the world of embedded systems, gaining hands-on experience and in-depth knowledge in this specialized domain. Under the guidance of experienced mentors, I focused on mastering essential skills in C programming and microcontroller programming, with a particular emphasis on PIC microcontrollers. `Microcontroller Programming with MPLAB X IDE.` `Utilization of PICSimLab Simulator`

WORKSHOP

1. Embedded Mobility Development

Duration: from 28 August 2023 to 21 September 2023

Engaged in an intensive Embedded Mobility Development program conducted by HCL Technologies.

Collaborated with industry experts to gain hands-on experience in developing embedded solutions for mobility applications.

Utilized ARM Cortex architecture and STM32 software

C/C++ Programming languages are efficient embedded systems.

CERTIFICATIONS

- 1.Certified by Udemmy in Java- Programming Language
- 2.Certified by HCL Tech in Embedded Mobility Development
- 3.Certification of Participation in Tata Brand Assessment of Tata Imagination Challenge 2023
- 4.Certified by Face Prep in C - Programming Language
5. Certified by Emertxe – Embedded Systems

TECHNICAL SKILLS

Programming Languages

- 1.C and C++
- 2.Java(Basic)

Embedded Concepts

1. Embedded C
- 2.8051 and PIC Microcontroller
- 3.Microcontroller Programming
- 4.SMT32 (Arm cortex)

Communication Protocols

I2c,SPI,CAN(Basic)