

Tayyab Khan Patan

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Profile

To seek and maintain a full-time position that offers professional challenges utilizing interpersonal skills, excellent time management and problem-solving skills.

Education

Bachelor of Technology - Electronics and Communication Engineering, 2019 – 2023

Kallam Haranadhareddy Institute of Technology

CGPA - 6.42

Narayana Junior College(XII), Narayana Junior College 2017 – 2019

CGPA - 8.4

SSC(X), Sri Venkateswara Bala Kuteer 2016 – 2017

CGPA - 8.7

Skills

Soft Skill

- Strong at Communication, Interpersonal & Problem solving skills
- Ability to work independently and in team environment
- Coordinating with the team with all the activities enrolled
- Making myself available for the team to support during the work
- Understanding the goals of organization
- Completing the task within the given timelines with good quality outcome

Technical Skills

- Programming Languages : C, C++, Python
- Communication Protocols : I2C, SPI, UART
- Embedded Systems : Microcontroller-PIC18F4580
- Operating Systems : Basics of Linux, RTOS Concepts

Certifications

- INTERSHIP completed Embedded Systems in EMERTXE bengaluru

Experience:

- Worked at FROOTLE INDIA PVT.LTD from **Sep-2024 to Apr-2025.**

Projects

Simulation of simple CNN and Digit MNIST classifier using VIVADO

- It works like hand written, where the computers can recognize human hand written digits from different sources like such as images
- CNN is particular is used for images and makes work instead of accuracy time efficient

LSB Image Steganography

The Project involved hiding sensitive information within an image using encryption and decryption techniques

Car Black Box Using PIC18F4580 Microcontroller

- Developed a system to monitor and record car dashboard metrics using a Character LCD (CLCD).

Inverted Search Project

Built an indexing system that optimized document search speeds by creating and managing document indexes