



Nadeem Ullah

Associate Embedded Systems Engineer at SkyElectric Pvt. Ltd



Skills & Strengths

- Embedded Systems Programming
- Embedded Linux C and Python programming
- C/C++ programming
- Arduino programming
- Firmware programming
- Embedded Systems testing



Experience - 2 years

Associate Embedded Systems Engineer

SKYELECTRIC PVT. LTD - Islamabad, Pakistan | Dec 2022 - Present

As an Associate Embedded Systems Engineer, I have experience working on multiple types of processors like:

- ARM-Cortex
- Raspberry Pi (CM4)
- Arduino i.e. DUE, UNO-R3, and Mega
- PIC Microcontrollers like PIC18f

Cellular Connectivity, Power, and Battery Management Systems using these MCUs with C/C++ programming.

Experienced Linux Cellular Connectivity and Embedded Linux programming like Raspberry Pi. PIC microcontroller programming using MPLab X IDE and MicroC Pro.

Arduino like; UNO R3, Mega, and DUE programming.

Bitfield programming of these devices using c/c++.

Projects

Cellular Connectivity

SkyElectric Pvt. Ltd | Dec 2023 - Oct 2024

Tools: GSM Technology with Raspberry Pi

Worked on GSM module Cellular connectivity with Raspberry Pi and gained a lot of experience in this field using Linux and C programming as well.

Identification Based Pill Dispenser

University Level FYP | Jun 2019 - Jun 2020

Tools: Arduino, Keypad, Servo motor, Fingerprint Sensor

This was our Final Year Project for alarming and verifying a patient to take his/her Pill dosage at the right time.

In this project, I have used Arduino UNO-R3, a Fingerprint module, a Servo motor, a keypad, and IR sensors.

Contact Info

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Pakistan
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Education

International Islamic University, Islamabad

Islamabad / BS Electrical Engineering

Power Systems (2021)

2.7 GPA

Awards

- G.H.S.S Khall, LOWER Dir Star Student Merit Certificate | 2013
- PMDC Dalazak road, Peshawar Good Well Scholarship Award | 2013

Languages

- Pashto - Native
- Urdu - Medium
- English - Medium
- Arabic - Beginner

Hobbies

- reading books
- cricket
- debates

Portfolio | Websites

- <https://thenadeemullah.blogspot.com/>