Khandoker Mohd Mazidul Haque (Jibon)

Developer At Energypac Engineering Ltd

PROFILE

Design and developing embedded system software and hardware with reliable quality and performance.
Find some of my project works below.

PROFESSIONAL ACTIVITIES

Iponics Bangladesh Ltd - VXML Software Development under Linux Platform from December 01, 2005.
Powertech - Embedded software and hardware development, design, implementation and manufacturing process management from May 01, 2006.
Energypac Engineering Ltd – As a Developer since 2013.
www.energypac-bd.com

CONTACT

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www.linkedin.com/in/khandoker-mazidul-haque-999a2a26
Address: House#F53/1, BankColony, Savar, Dhaka
GitHub :
https://github.com/jibonaronno

Education: BSEEE From IUBAT (2008-2012)

TECHNICAL SKILLS:

Embedded System and Firmware:
Experienced on developing and designing Embedded system hardware and software based on Atmel and ARM Microcontrollers in C, C++, assembly and Python language.

Example Projects:

1. Solar RMS IoT Controller. Please check link (https://github.com/jibonaronno/solar2)
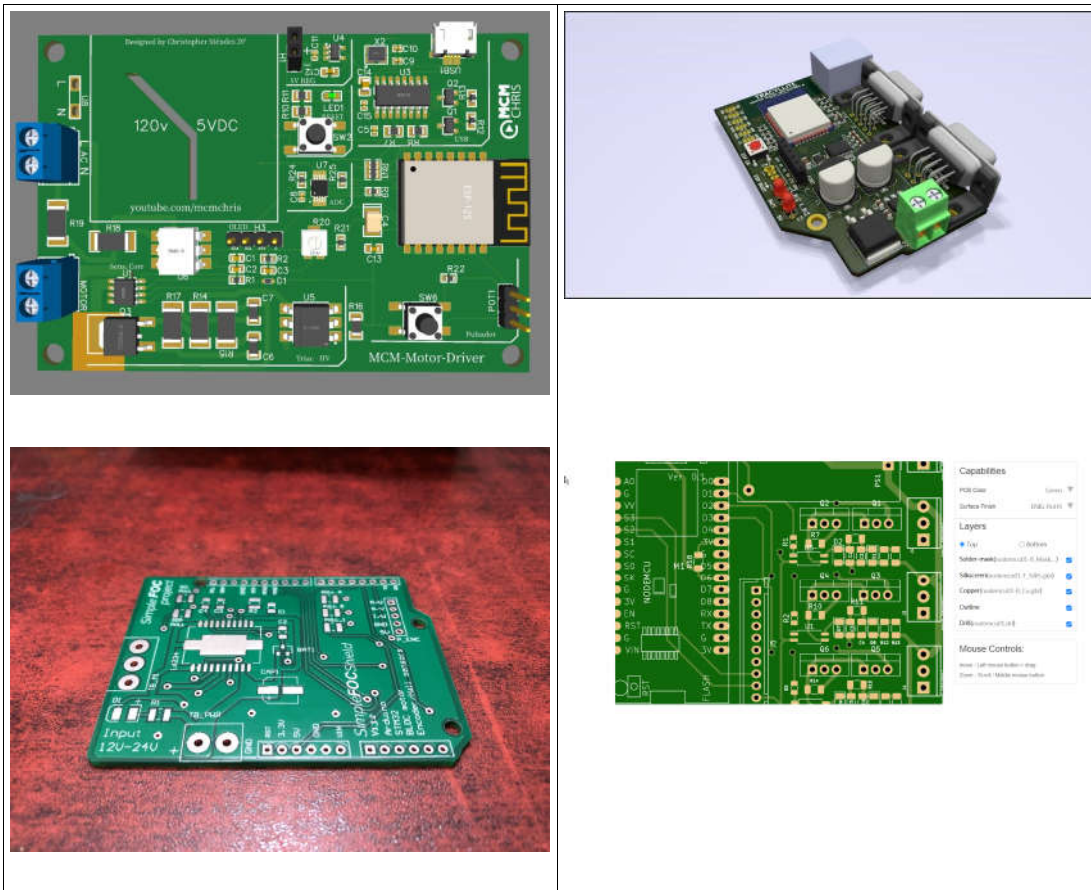2. Ventilator and Safety Controllers for BTS Tower. Please check images for reference:

3. Industrial Automations

4. Home Automation with Raspberry Pi using HomeAssistant, Yaml, Python

5. **PCB Projects**

Experience:

1. ARM Microcontroller Programming including Serial Communications, AD/DA Conversion, RTOS Integration, Multithreaded Implementation. Please check https://github.com/jibonaronno/blue_rtos for the example code. (Experience - 8 years).
2. C/C++ and Python Programming (15 Years).
3. High voltage regulation design (11KV , 33KV)
4. Sine Wave UPS Design.
5. Embedded Linux implementation on RaspberryPi, AllWinner, and Cypress ARM processors.
6. Network enabled TCP/IP implementation on ARM STM32F107 processor.
7. Linux Shell Scripting and Python Scripting.

I am comfortable to work from home or office by maintaining mix US and BD time.
I hope my experience will be useful for you.
Regards
Khandoker Mazidul Haque