



AIT OUBELLA

PCB & FRIMWARE DEVELOPER

PROFILE

I am an electronics developer who exceptionally values customer satisfaction.

I've started PCB design at the age of 14, and since then it has been an inseparable friend of mine.

I've been working on PCB development extensively for recent 9+ years including RF communication and Digital signal process, Power control and Circuit design based technologies.

Most importantly, I promise good work ethic and attitude, active and excessive commitment, and integrity as a whole.

CONTACT

electricaldeveloper335@gmail.com

Quartier ait cheikh ali, Morocco

EXPERIENCE

PCB DESIGN & FIRMWARE DEVELOPER, FREELANCER

SEP 2020 – CURRENT

- Process engineering change requests, updating all applicable documents to current standards.
- Schematic capture, layout, and component creation using Altium Designer.
- Highly motivated with excellent knowledge in high-speed analog and digital designs.
- Multilayer layout experience with rigid and flex substrate technologies.
- Knowledge of proper layout techniques for RF designs ranging up to 2.4GHz.
- Capable of effectively working with electrical, mechanical, and manufacturing engineering disciplines in a team environment with good understanding of cross functional design processes.
- Experience working with and creating component models in MCAD software.
- Full understanding of PCB and PCBA manufacturing and assembly processes with the ability to incorporate requirements into design rule definitions.
- Capable of contributing to and addressing issues arising from design reviews, both internal and external.

SENIOR PCB DEVELOPER, ASTEELFLASH, NEUILLY-PLAISANCE, FRANCE

FEB 2015 – SEP 2020

- Schematic/PCB layout and Design & Simulation (can design 8-layers PCB).
- I have a lot of experience with Altium Designer, Eagle, Cadence, and Proteus.
- I had developed several similar projects using various microcontrollers such as STM32, PIC, ESP32, Zigbee, BLE/Bluetooth, MSP430, ATmega, and the various Sensors & LCDs.
- I have many experiences of schematic and multilayer (2~8 layer) PCB design with various BGA core (Cortex series, A series, FPGA ...), DDR3, DDR4, Ethernet, eMMC, high-speed digital display interfaces, WiFi, 4G.

ACTIVITIES AND INTERESTS

Music ● Bass Guitar ● E-Sports ●
Fishing ● Hiking

- Developed the interfaces to communicate with devices based on microcontrollers such as dsPIC, esp32, and Arduino.

EDUCATION

BACHELOR OF SCIENCE, CADI AYYAD UNIVERSITY

MARRAKESH, MOROCCO

AUG 2014

KEY SKILLS

- PCB layout
- Circuit design
- STM32
- Arduino
- Raspberry Pi
- Jetson
- ATmega, MSP430
- BGA core
- DDR4, Ethernet, eMMC
- Zigbee
- Wifi (ESP32, nRF)
- various Sensors
- BLE/Bluetooth
- 3D Design
- Solidworks
- RF design and simulation
- EMC/EMI simulation
- Open CV