Salar Azad Ali Ehsan
Telecom Engineer

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I'm a highly motivated and enthusiastic person with a keen desire to furthering my knowledge in the fields of IT and Telecom.

I'm a good team player and with a good track record of independent problem solving, I have worked on numerous successful projects that had impact on the development and growth of the company, currently looking for a new challenge to improve my professional career and broaden my knowledge.

EDUCATION 🎓

- ✓ **Bachelor** – Telecommunications Engineering - Sulaimani Polytechnic University - Iraq/Sulaymaniyah – 2011.
- ✓ **Master** – Wireless Communications - Pompeu Fabra University - Spain/Barcelona – 2018.
- ✓ **Higher Study** – Industrial Electronics – Campus SEAS – 2019.

LANGUAGES 🌐

Arabic: Native	**Kurdish:** Native
English: Proficient	**Spanish:** Advanced

SKILLS ✂

- ✓ **IT:** Hardware/Software install, configuration and maintenance, Network and Systems Administration, Linux and Windows Server.

- ✓ **Network:** Switch/Router installation and configuration, Script creation, PRTG installation and monitoring, LAN and WAN design and manage, Security systems install and monitor.

- ✓ **Microsoft Office**: Excel, PowerPoint, Word, Outlook, Access, Visio, and Office 365.

- ✓ **Programming:** C, C#, Python, PHP, Git, Arduino and MATLAB.

- ✓ **LAB tools:** Oscilloscope, Spectrum Analyzer, RF Scanner, Signal Generator and others.

- ✓ **Embedded:** ARM architecture, PIC, FreeRTOS, and Embedded C programming.

- ✓ **Electronics:** Circuit design and simulation, PCB design, EMC testing, 3D design, Peripheral Buses (UART, I2C, SPI), Wireless Communications (WiFi, NFC and BLE), SMD components, Through-hole components and soldering

PROFESSIONAL EXPERIENCE 🎒

Radio Maintenance Engineer

[Sabaa Communications (Dana Gaz)](#)   Sulaymaniyah/Iraq   April 2020 – until now

- ✓ Testing and benchmark of the different Radio products.
- ✓ Maintenance of the faulty Radio items, Base-stations and Repeaters.
- ✓ Configuration and Installation of Mobile Radio, Vehicle stations and Repeaters.
- ✓ Monitoring the performance of the Sites and Radios on the field.
- ✓ Plan and test new network features and systems.

Intern / Electronics Testing Systems

[6TL Engineering](#)   Barcelona/Spain   May 2019 – Oct 2019

- ✓ Product developing and prototyping with STM32 microcontrollers.
- ✓ Testing and evaluation of different PCBs using LabVIEW and TestStand.
- ✓ PCB design using Altium.
- ✓ Plan and design of ATE machines according to the customer testing scenario.

Intern / IoT System Development

[Air4City](#)   Seville/Spain   Apr 2018 – Oct 2018

- ✓ Software configuration and debugging of the hardware Components.
- ✓ Test and benchmark of different microcontrollers, Sensors and IoT communication protocols.
- ✓ Configuration and maintenance of the cloud database for the different devices and sensors.
- ✓ Design and simulation of circuit schematics, and PCB design.

Radio Access Network (RAN) Engineer

[Fanoos Telecom](#)   Iraq/Sulaymaniyah   Oct 2011 – Sep 2016

- ✓ Drive test and Field testing of the wireless network coverage.
- ✓ Network optimization and planning of coverage, capacity, configuration and KPI.
- ✓ Creating scripts and macros for automating the work with KPI and configuration.
- ✓ RF Product testing, benchmarking and evaluating.

TRAINING 🎚️

- ✓ C programming for beginners.
- ✓ Learn FreeRTOS from scratch.
- ✓ Learn Python: The Complete Python Programming Course.
- ✓ Modern Embedded systems Programming - ARM architecture and Embedded C.
- ✓ Learn MATLAB and Simulink Programming.
- ✓ Starting with Altium Designer.

HOBBIES ♣

Swimming	IT	Piano	Music	Electronics