

Nelson Enrique Franco Blanco

PERSONAL INFORMATION CONTACT DETAILS

Date of birth: 13 - January – 1987

Location: Mexico City, Mexico.

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Nationality: Mexican

ACADEMIC PROFILE

T.S.U. ELECTRICITY 2011 specialty in telecommunications

[Universidad Politécnica Territorial del Estado Aragua "Federico Brito Figueroa" \(UPT\)](#)

Computer systems engineer (currently)

[Universidad Virtual del Estado de Guanajuato \(UVEG\)](#)

PROFFESIONAL PROFILE

- Jr. Developer (front-end Developer) with skills in HTML, CSS, JQuery, JavaScript, Wordpress, SQL, Visual Studio (VS), and a Technical Degree in Electrical Engineering specializing in Telecommunications or Computer Systems Engineering (50%) and with skills in designing relational databases. Fluent in the English language.

EXPERIENCE

May – 2022 – Jan -2023

[Teleworld solutions](#), Project: Snap – SEA - RF engineer II

RF Engineer II: monitoring key performance indicators (KPIs), alarms, and drive tests (DT) on both macro and small cell sites. My primary objective was to ensure that the network was functioning properly and performing optimally, using the USM tool to perform audits and corrections of parameters on the sites, diagnose and troubleshoot issues and alarms, conduct regular performance analyses using XLTP and USM, and work closely with the team to implement solutions.

JUL - 2017 – May-2022

[HUAWEI](#), Project: AT&T Mexico - RF engineer

Refarming Post Launch Project Team Leader: Led post-launch optimization for refarming sites (macro cells) using LTE technology, created optimization proposals to improve coverage and services, prepared maintenance windows and coordinated drive tests, interacted with the final customer to ensure satisfaction and address concerns.

JUN - 2016 - JUL - 2017.

Ekspresa S.A DE CV, - Project: Telcel Mexico- **DT engineer**

Drive tester: Followed up and monitored field tests, drive tests, data post-processing, and map generation, monitored basic DT KPIs and generated reports on RSRP, SINR, throughput, and negative events, conducted initial site tuning and implemented physical optimization changes for LTE, UMTS, and GSM technology.

SKILLS & TOOLS

- Microsoft office, Excel, Power BI.
- Data analysis tools: PRS / XLPT / TrueCall / tableau / Mapinfo / Qgis
- Data collection tools: Probe / assistant / Tems / Tems discovery / QualiPoc / tapas
- Management software: CME / U2020 / LMT / USM
- DataBase software: MySQL / MySqlserver
- Design and simulation tools: Atoll / U-net / AriesoGeo
- Optimization processes: Drive test / Optimizations Proposals / Post processing / Troubleshooting
- Programming languages: Java / C++ / Python / Wordpress / VBA / JavaScript / HTML5 / CCS3

Certifications

VoLTE introduction
VoLTE Feature Introductions
VoLTE deployment and optimization
Solutions for VoLTE
5G RF (Basics Concepts)
5G KPI Monitoring (Basic)
5G Optimization DT (Basic)
5G Optimization OSS (Basic)
JavaScript, HTML5 CCS3
Python (basics)

REFERENCES:

-Victor Cervantes RF engineer (team Leader):
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-Miguel Alejandro Millan, RF engineer (coworker):
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-Luis Daniel Aleman, RF engineer (team Leader):
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-Elizabeth left barrier, RF engineer (Project PM):
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