

# Mehrafarin Dehghani

Irving, TX

-Email me on Indeed: <http://www.indeed.com/r/Mehrafarin-Dehghani/eef3622483453216>

12 years of diverse experience in wireless industry as a Nokia Switch Core Maintenance, RF planner and

Optimizer. Seeking for opportunities where my skills will be enhanced and utilized. My knowledge in wireless network troubleshooting and time management will be very helpful. I Work very well under pressure and I thrive in challenging situations requiring the ability to learn new skills, highly motivated and

Ability to manage multiple tasks properly.

## Work Experience

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### **RF Planner & Optimizer\_**

TCI Telecommunication Company - Iran

January 2014 to December 2019

- # Detail planning of new sits BTS/NodeB and provided site plan.
- # Down/Up tilling of antenna and reorientation for increasing coverage and performance firm.
- # GSM&3G&4G Single Site Verification (SSV)
- # Worked on drive test files to find out non coverage areas and recommended solution to management per plan.
- # KPI Monitoring and analyzing existing 2G&3G Network and adjusting radio network parameters in BSS and recommended possible solutions to improve performance.
- # Actively Participate in BSC& RNC rehomeing projects as a planner and worked closed to NSS& BSS teams and contractors to perform everything on time.
- # Knowledgeable in GSM/Signaling and protocol, CDMA& LTE technologies.
- # Optimized network border to share traffic on available BSC's and reduce congestion on traffic channels and signaling links.

### **Nokia Switch Core (MSC&MSS&MGW) Engineer**

TCI Telecommunication Company - Iran

January 2007 to December 2014

- # GSM Network troubleshooting.
- # MSC, MSS, MGW, BSC, RNC and IP backbone Maintenance.
- # Coordinating, installing, testing and troubleshooting of transmission facilities(Fiber Optic & E1)
- # Network KPI analysis and optimization, traffic capacity management, and parameters tuning.
- # Providing solution for network failures to improve core network performance
- # Prepare core definition for BSC rehomeing and expansion per planning.
- # Observing the rate of clear codes in order to find any abnormal condition in network
- # Controlling core parts (MSC's, MGW's, HLR's, VLR's, MSS ) in mobile network (2G&3G) and assure they are working properly.
- # Worked in a team closed to headquarter and followed up customer's need effectively.
- # Unit test and traffic channel test to find out any issue in core and network.

## **Power Equipment Engineer**

TCI

January 2003 to December 2007

# Repaired and function testing of analog and Switch Mode Rectifiers/ Battery Chargers (48V/20A-100A) one phase and 3 phases.

# Recommended ground solution to prevent search voltage cause damage on Rectifiers and Inverters because of geographic location and bad weather.

## Education

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### **Bachelor of Science in Electronic Engineering**

Shiraz University of IRAN

January 1990 to December 1996

## Certifications and Licenses

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### **Media Gateway troubleshooting**

**3G Rel4 Switching Core Network Signaling-MSS SR3.0**

**3G Rel4 Switching Core Network Operation and Maintenance MSS SR3.0**

**MSC Server and Multimedia Gateway Operations and integration**