**Hani Almasoud**

Address: Brambleton, Virginia

Cellular: 703-577-9117

Email: [hanialmasoud@outlook.com](mailto:hani@p4ce.com)

Professional Highlights:

* R&D Program Management
* Business Development and Partnership
* Implementation Program Management
* Performance Monitoring and Evaluation
* Industry Research and Analysis
* Tools and Products Deployment.
* Rollout Project Management
* Vendors Management
* Network Managed Service
* RF Planning and Design
* Network Testing and Optimization
* Total years of experience 25.

Professional Experience:

## Sr. Technical Program Manager, Us-Ignite Organization

* Washington D.C, July 2021-Present
* Manage several projects to design and deploy advanced wireless city-scale testbeds platforms and networks for experimental and research programs.
* Support the business development with the Industry Consortium organizations and potential partners to establish new channels and partnerships for new projects.
* Support Smart Bases program to develop technology pilots using sensors, advanced broadband, and IoT networks for autonomous vehicles and other applications.
* Oversee the deployment progress, schedule, budget, milestones, and deliverables.
* Help Communities, Cities, and other partners through the design and execution of cutting-edge prototype projects, future expansion, and scalability.
* Craft and review proposal requests (RFP, RFQ, RFI). Vendor evaluation and selection.

## Sr. Technical Services Delivery/Product Manager, TATA Communications

* Virginia, September 2018-July 2021
* Manage and develop customer relationships to accommodate their requirements and needs. Enhance the overall customer experience and satisfaction.
* Create different proposals to promote the SON application's value and functionalities. Response to RFQs and RFPs, or other inquiries.
* New Products Introduction (NPI) and demonstration. Provide the needed technical training and information for the current release and new features as well.
* Work with the R&D team to develop a product roadmap. Implement different strategies to accommodate new technologies. Solutions design and customization.
* Define project success criteria, quality metrics, and performance indicators (KPIs).
* Work with sales and cross-functional teams to track and manage the projects/products deliverables. Follow up on the open tickets and other issues/blockers.
* Create products and project documents. Ensure milestones and targets are met.

## Sr. Project Manager- Technical Lead, Samsung (Contractor)

* Virginia, October 2017-September 2018
* Manage communication and collaboration with other teams for internal and external sides with direct project management on a broad deployment scale.
* Monitor the project's progress and handle customer escalations. Ensure the documentation is being created for the customer and internal knowledge sharing.
* Perform LTE network analysis and recommendations using field data and network statistics. Monitoring site alarms and running a health check report.
* Network Audits, RF parameter standardization, and optimization. Feasibility analysis of modern technologies, products, features, and services.
* Follow up on 5G broadband trails and the latest technology update.
* Support lab team for new feature validation. Services and platforms.

Product Manager, Keysight Technologies (Contractor)

* Virginia, Nov 2016-September 2017
* Manage customer accounts. Work with the R&D team on product requirements, deployment, and new releases.
* Work closely with the QA team on software upgrades and application testing.
* Conduct product training, demos, and handle product questions. Provide product support, manage escalations, and send weekly reports to higher management.
* Validate and evaluate newly implemented features from an RF perspective and user interface. Enhance the call trace events, metrics plot, KPIs, and Heatmaps.

## Project Manager-Principal RAN Engineer, Billz Inc

* Virginia, Jan 2015-October 2016
* Manage multiple projects for network benchmarking, analysis, and reporting.
* Multiband network KPIs performance monitoring. New feature testing and validation
* Capacity monitoring and planning for site expansion. Analyzing traffic and performing network parameters audit. Worst cell identification and optimization
* VOLTE troubleshooting and analysis. RF design for Micro (Wi-Fi) and Macro Cells network. Create a new frequency plan based on the interference matrices to have the best SINR and coverage design with no overlapping between cells.

## LTE Service Assurance Engineer, Ooredoo (Contractor)

* Muscat, May 2013-December 2014
* Monitoring and analyzing daily network performance KPIs. New site acceptance, features testing, and cluster optimization.
* Identify possible swap sectors, wrong PCIs, missing neighbors, and overshooting cells.
* Layer 3 messages and events analysis. RF Parameters inconsistencies audit.
* End-to-End signaling call trace to resolve customers’ complaints.

## RF Planning & Design Engineer, Umniah

* Amman, August 2012-May 2013
* Enhance BSC & RNC performance to achieve the target KPIs by optimizing the top worst cells, modifying cell / BSC & RNC parameters, and analyzing the log files to improve network quality and coverage.
* Antennas physical optimization for overlapping and overshooting cells.
* Monitor the congested and highly utilized cells to determine the necessary modification, frequency fine-tuning, cell upgrade, and new site plan.
* Conduct site survey, deliver the new candidates to the acquisition team, prepare the RF database & parameters for the new sites, optimize cluster, remove pilot pollution from dense areas, and modify neighboring relations.

## RF Optimization Engineer, Smart Company for Engineering Services

* Amman, February 2011-July 2012
* Analyze test log files, Layer3 messages, drop calls, data errors, impaired quality.
* Prepare and deliver the needed reports from the collected data, including benchmarks, low coverage areas, drop calls, customer complaints, and general network problems.
* Manage and supervise the driving test team activities, and assign their daily & weekly duties. Coordinate between test teams and other divisions to solve field issues.

## Network Testing Team Lead, Ericsson (Contractor)

* Dubai, March 2007-February 2010
* Manage all operators' network testing (voice, data) and benchmarks.
* Prepare a full report including several information elements, graphs, and charts.
* Check site statistics after any expansion. Identify faulty TRU or coverage degradation.
* Post-process and analyze test log files (drop calls, interference, network failures).
* Follow up on customer complaints, and escalate any problem to the responsible team.

## Radio Quality Engineer, Wataniya Telecom (Contractor)

* Kuwait, October 2006-March 2007
* Perform new site functionality tests for cluster acceptance.
* Identify Pilot pollution, missing neighbors, and IUR HO for Single and Multi RAB.
* Prepare benchmark reports for different metrics like (RSCP, Ec/No, and RRC failures).

## Radio Measurement Team Lead, Orange-France Telecom

* Amman, June 2000-September 2006
* Supervise and assign team duties. Manage resources. Prepare daily and weekly reports for different types of measurements. Evaluate and troubleshoot test equipment.
* Network testing and data collection. Log files analysis and data post-processing.
* Full sanity checks for new sites like cross sectors, coverage area, handover failures, missing neighbors, or blocked calls: Co or adjacent channel interference verification.

## Technical Team Lead, Jordan Public Pay Phone Services (JPP)

* Amman, March 1998-June 2000
* Supervise teams’ duties, including installing, operating, and programming the telephone systems to be ready in service.
* Hardware installation and maintenance of Nortel telephone equipment.

## Education:

* **Master’s Degree**: Master of Business Administration (MBA), Strayer University, Virginia, GPA 4.0.
* **Bachelor’s Degree**: Telecommunications and Electronics Engineering, Isra University, ranked first in class.

## Certificates:

* **PMP**: Project Management Professional, Project Management Institute.
* **ACP**: Agile Certified Practitioner, Project Management Institute.
* **PgMP**: Program Management Professional, Project Management Institute (In progress).

## Training courses:

* Cisco Service Provider 5G Technologies Foundations (40 hours), Cisco, Virginia July/2021.
* LTE Troubleshooting & Performance (40 hours) Qualcomm Wireless Academy, Muscat June /2014.
* LTE Technology and Concepts 4G fundamentals (30 hours) Teleprob, Amman July/2012.

## Skills & Tools:

* 3GPP, M2000, CME, PRS, Naster, TEMS Investigation, Genex Probe and Genex Assistant, MapInfo, Actix, Xeda, Xeus Aexio, QXDM, Wireshark, Mentum Planet, MCOM, Parcel, PCTel, XCAP, WindCatcher, Mentum Ellipse, Xynergy, Power BI, Qlik, Spotfire, LSM, cSON, Matrix Analytics, JIRA, API, Microsoft Project, Agile, Smartsheet, Trello.