DECEBAL-PAUL IONESCU
Telecom Engineer – Mobile Networks Specialist

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Radio Network Design & Planning   Network Performance Optimization

Technical expertise RAN & DAS solutions   RAN Project Management   Technical Leader Management

Telecommunications engineer specializing in mobile networks with over 24 years of experience in designing, planning, and sizing radio networks. Proven expertise in performance monitoring, service quality optimization and expert-level technical support for RAN equipment from Alcatel-Lucent, Nokia, Ericsson and Huawei, as well as DAS solutions from Commscope and Solid. Extensive experience in radio project management, including mobile network deployment and migration (swap) operations.

📋 SKILLS

Technical

- Project Planning & Scheduling ★★★★☆
- Risk Management ★★★★☆
- Scope Management ★★★★☆
- Agile & Waterfall Methodologies ★★★★☆
- Radio network planning and optimisation ★★★★★

Leadership & strategic thinkings

- Decision making ★★★★☆
- Problem solving ★★★★★
- Negotiation & Conflict resolutions ★★★★☆
- Time Management ★★★★★
- Team leadership & Motivation ★★★★★

Scripting & Automation

- Python ★★★☆☆
- Shell scripting ★★★☆☆

Data Processing & Analysis

- SQL ★★★½☆
- Power BI ★★★½☆
- VBA (Excel Macros) ★★★★☆
- Matlab ★★★☆☆

Network Configuration & APIs

- JSON/XML ★★★½☆
- RESTful APIs ★★☆☆☆

Soft Skills

- Communication ★★★★★
- Adaptability ★★★★★
- Collaboration ★★★★★
- Attention to details ★★★★★
- Self learning ★★★★★

Reporting Skills

- Data Collection & Analysis ★★★★★
- Clarity & Precision ★★★★★
- Visual representation ★★★★☆
- Tailoring the report ★★★★☆
- Follow-up ★★★★☆

🗛 LANGUAGES

🇷🇴 Romanian ★★★★★
native

🇫🇷 French ★★★★☆
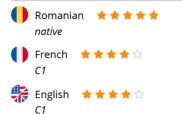*C1*

🇬🇧 English ★★★★☆
C1

🎓 EDUCATION

Bac+5
POLYTECHNIC UNIVERSITY OF ELECTRONICS AND TELECOMMUNICATIONS "TRAIAN VUIA," TIMIȘOARA, ROMANIA.
September 1990 to June 1995

Theoretical analysis of radio communication systems' operation and the principles of information coding and security.
2G radio communications networks, frequency planning and implementation methods.

M+2
POLYTECHNIC UNIVERSITY OF ELECTRONICS AND TELECOMMUNICATIONS "TRAIAN VUIA" TIMISOARA, ROMANIA
September 2009 to June 2011

Operations, maintenance and control management of telecommunications networks and their centralized control, and recommends security solutions and protocols to ensure the security of data.

📼 EXPERIENCES

Referent radio indoor network engineer Nokia & Ericsson
Davidson Consulting - February 2019 to July 2025

Planning and implementing 5G indoor deployment based on 5G standards and RAN vendor specifications, evaluating and resolving issues with indoor RAN solutions, optimizing radio performance through DAS and C-RAN solutions, selecting and validating RAN hardware and smart nodes, analyzing frequency strategies and MIMO utilization, integrating IoT technologies like CAT-M for indoor applications, conducting advanced troubleshooting through Level 3 investigations, and leading project coordination meetings to track progress and define solutions, all while ensuring high-quality service and collaboration with RAN vendors to enhance network performance.

Radio Network Optimisation Engineer
Nokia - April 2018 to January 2019

Monitoring and optimizing KPIs for accessibility, retention, and integrity, resolving parameter discrepancies in the OCEAN database, designing and implementing technical and operational optimization strategies, fine-tuning and troubleshooting radio settings, coordinating issue resolution through weekly meetings for unresolved cases requiring field intervention or CROZON support, and consistently enhancing network quality by collaborating with cross-functional teams to improve performance.

2G/3G/4G Radio Network Optimisation Engineer
T&T Consulting - September 2015 to March 2018

- Projet swap 2G/3G/4G Nokia - Orange France
  Monitoring and optimizing 2G/3G/4G KPIs for the SWAP project, investigating technical incidents impacting Orange users' QoS, conducting technical studies, supporting radio design for multi-technology integration, and troubleshooting to optimize radio parameters.
- Projet Centre de service Alcatel-Lucent - SFR France
  Established the process for triggering, analyzing and reporting to the Radio Engineering Department (DIR) and NOC, performed 2G network dimensioning studies for rehoming and controller repair, optimized 2G/3G radio parameters to meet customer KPIs, monitored radio performance during CROZON and ZTD frequency transitions, managed implementation and performance monitoring of future 2G-4G reselection (ALLU vs. NSN), and delivered weekly activity and incident reports to top management.
- Projet swap CDMA/LTE Alcatel-Lucent - Icenet Norvege
  Monitoring and optimizing 4G KPIs for the SWAP project (Accessibility, Retention, and Integrity), detecting, analyzing, and investigating technical incidents impacting QoS using NPO and PCMD tools, providing weekly progress reports to the SWAP manager, and optimizing and troubleshooting radio parameter strategies using NPO, Gladiator, and eDAT tools.

2G/3G/4G Radio Network Optimisation Engineer
Pai Telecom Consulting - May 2012 to August 2015

- Project swap 2G Ericsson - Orange France
  Monitoring and optimizing 2G KPIs for the SWAP project, analyzing incidents impacting Orange QoS, conducting technical studies and internal knowledge transfers, providing weekly progress reports, troubleshooting radio parameters, and negotiating KPIs with Ericsson to maintain QoS in swapped zones.
- Project swap 2G/3G Huawei - Orange Romania
  Performing traffic dimensioning and refarming, designing frequency plans and cluster configurations using Asset and M2000, leading meetings to optimize parameters and network testing, upgrading 2G/3G network software, and delivering weekly progress reports to management
- Project swap 2G/4G Ericsson - Bouygues Telecom France
  Responsibilities included setting up and managing an offshore team in India for recurring network tasks, daily monitoring and optimizing network parameters to ensure key KPIs were maintained, overseeing incident management (alarms, "out of service" sites) and coordinating with field intervention teams, providing training on OSS Ericsson and RNO tools (MRR, NCS, FAS), leading SWA zone transfer meetings and KPI evaluations, and delivering and presenting the QoS report to the regional BYTEL manager.
- Project L3 wireless radio support - AT&T USA
  Providing technical support and expertise to level 1 and 2 support teams for network fault resolution and QoS restoration, offering prioritized P1 support for SLA sites, and delivering weekly incident resolution reports.

- Project swap 2G/3G Huawei - Orange Romania
Developing a new frequency plan and cluster neighbor configurations using Asset and M2000 tools, leading meetings to track and optimize parameter settings and network testing, and providing weekly activity and incident reports to top management.

3G RAN Network Optimization Engineer

Ericsson - July 2011 to March 2012

Managing MBNL multi-operator project databases (equipment, antennas, racks), creating radio parameter templates in "Blarney," expanding UMTS/HSPA network capacity, leading experience-sharing sessions on network parameters, proposing improvements, and reporting post-operation KPIs to technical management.

Technical Support Engineer

Alcatel-Lucent - September 1998 to June 2011

Experienced telecom professional with a strong background in mobile network deployment, optimization and technical support across multiple international projects. Over the years I have held key roles such as Technical Project Manager, Technical Support Engineer and Radio Network Planning & Optimization Manager, contributing to major 2G and Small Cell initiatives in Europe, Middle East, Asia and North America. My expertise spans network design, performance enhancement, migration (swap) operations and advanced troubleshooting for leading telecom operators and vendors including Alcatel-Lucent, Orange, Nokia and Huawei.

◥ INTERESTS

Music

The oldest of pop rocks

Sports

- Team sports
- Bike on the road
- Natation

Going out

- Cities break
- Mountain trips