PERSONAL INFORMATION   Marius Iordache

📍 5-9, Str. Petru-Rares, sector 1, Bucharest, 011101, Romania

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Sex male | Date of birth 15/03/1981 | Nationality Romanian

STUDIES APPLIED FOR PERSONAL STATEMENT

PhD position within the domain "Electronic Engineering, Telecommunications and Information Technologies" as part of Faculty of Electronic, Telecommunications and Information Technology, Technical University "Gheorghe Asachi" from Iasi. Research domain 6G Network Architecture, Service Based Architectures, Virtualization.

WORK EXPERIENCE

Telco Cloud & Service Platforms Manager
CCIE#48254
Orange Romania

18 years' experience in telecom, plan, design and architecture complex fix and mobile networks, multi-vendor environment. Deep networks operational knowledge, troubleshooting, root cause analysing and evaluation to solve systems issues. Team person, reliable, analytical and quality driven, people oriented. Skills to plan, design and architecture for complex IP networks, also operate, for different equipment's and infrastructures. CXO level reporting

Relevant Activities

- Excellent presentation and communication skills
- 5G PPP RIA , SNS & IA activities in several R&D projects
- Integration PM for Orange/Telekom MVNO customers
- Virtualization Programme Manager
- IaaS (ETSI MANO framework) deployment coordination for 4G NFV/VNFs (vEPG, vMME, vWMG/vIMS)
- Service Provider Network Design and Architecture, IP, Packet Core, Data Canter
- Telco Architecture, MVNO design and architecture
- Telco Virtualized Infrastructure Programme Manager
- High- & Low-Level Design Architecture and documentation
- Experience with Cisco/Juniper /Alcatel/Ericsson equipment's
- 5G-PPP Software Network and Architecture Working Group

Others activities

- 5G technical programme manager and E2E 5G network architect, adapt and align the 5G company development with Group decision and standardization releases (for NSA/SA architectures)
- IaaS programme manager for virtualized core network function introduction and 5G SA (5G SDM, 5G SIG and 5GCN)
- Technical responsible for 5G services launch (services, mobility, routing, charging, restrictions)
- Technical studies responsible for virtualization introduction (Orange IaaS, Vendors cloud, 3rd party)
- Technology key contact person for B2B and B2C departments for 5G use cases validation and
- implementation
- Technical coordination with main 5G/network providers (Ericsson, Nokia, Huawei, Cisco)
- 5G PPP research activity, technical coordinator, contributor and project manager for several H2020
- EC RIA activity, verticals requirements and 5G system architecture definition
- 5G PPP Software Network WG activities and publications for SDN, Networked Clouds, IoT
- Services, cloud native applications
- 5G PPP conferences, workshops, publications and dissemination activities
- Lead (plan, direct and control) the E2E Architecture group within the Engineering department
- Control de and adjust the network design in order to obtain the best operational performance at the
- Architecture guidelines and rules enforcement (on new projects, major network changes, introduction of new technologies) through HLD and LLD validation
- Identify network/platforms/design that impact the customer experience, update the architecture
- recommendations and follow up on the implementation phase
- Follow up on network and devices performance and trigger optimization actions
- Plans, arbitrates and prioritizes the team's activities, objectives and intermediate checkpoints
- Defines and validates short, medium- and long-term budgetary needs
- Maintains a proper balance between cost and quality by monitoring traffic capacities
- evolutions and by triggering actions
- Managing Team, objectives settings, including the virtual resources assigned, monitor performance to achieve targets, identify talents
- Develops the strategy of networks and services architecture evolution, align ed with local business
- priorities and Group guidelines, according with the group's area of responsibility
- Manages and implements the quality improvement plan from the end to end perspective (network, IT, service platforms, devices)

EDUCATION AND TRAINING

2015 CISCO CCIE, CISCO

- Title: Cisco Certified Internetwork Expert
- Certification: Industry Certification, CISCO Brussels, Belgium

2005 University "Politehnica" from Bucharest - Electronics, Telecommunications and Information Technology Faculty

- Title: Diplomat Engineer, Mobile Communications
- Thesis: 'Adaptive echo cancellation algorithms in telecom networks'

PERSONAL SKILLS

Mother tongue(s)   Romanian

Other language(s)

	UNDERSTANDING		SPEAKING		WRITING
	Listening	Reading	Spoken interaction	Spoken production	
English	C2	C2	C2	C2	C2
	Replace with name of language certificate. Enter level if known.				
French	B1	B1	A1	A1	A1
	Replace with name of language certificate. Enter level if known.				

Levels: A1/A2: Basic user - B1/B2: Independent user - C1/C2 Proficient user
Common European Framework of Reference for Languages

Communication skills

- good communication skills, team person, reliable, analytical and quality driven, people and project management oriented

Organisational / managerial skills

- Team building and team spirit were always two key prerequisites for all my initiatives in Orange
- Team person, reliable, analytical and quality driven, people oriented

Job-related skills

- Service Provider Network Design and Architecture
- 5G Network Architecture (SA/NSA)
- Telco Virtualized Infrastructure ETSI MANO, NFV/VNFs & SDN/K8S
- Security & Cyber Security
- Design & documentation
- Project Management
- 5G-PPP R&D Projects

Digital skills

SELF-ASSESSMENT				
Information processing	Communication	Content creation	Safety	Problem solving
Proficient user	Proficient user	Proficient user	Proficient user	Proficient user

Levels: Basic user - Independent user - Proficient user
Digital competences - Self-assessment grid

- Several certifications available upon request

Driving licence	B

ADDITIONAL INFORMATION

Publications	20 relevant IEEE publications, 4 White Papers 5G-PPP
Presentations	5G European Work Shops, EUCNC 2018, Ljubljana, Slovenia and EUCNC 2019, Valencia, Spain
Projects	5G European Projects
Conferences	40 international and national conferences and workshops, presentations
Seminars	
Honours and awards	
Memberships	
References	Please requested I can provide also the extended CV with more details regarding the honours and awards and references.

ANNEXES

- copies of degrees and qualifications;
- testimonial of employment or work placement;
- publications or research.