

CURRICULUM VITAE

PERSONAL INFORMATION

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ACADEMIC BACKGROUND

2002-2004 Professional Training in Telecommunication and Information Systems. IES La Inmaculada P.P. Escolapios.

ABOUT ME

Professional with +15 years on the Telco area, highly motivated for starting a Software Development career after perform a deep research on Python 3 and OOP programming.

LANGUAGES

- English: Good Writing, and Speaking.

PROFESSIONAL EXPERIENCE

2011 / Now	
Company	Ericsson
Category	SW Developer and RAN Engineer
Activities	Software Developer – Integration Tools: Design and implementation of internal tools using Python and Tkinter to streamline the creation of integration scripts for Ericsson network nodes. Development of .mos scripts to automate the addition, modification, and deletion of network elements within already integrated nodes, in order to improve the consistency and efficiency of integration and reconfiguration processes across the operator's network. ENO design Core IP: Management of large accounts and SMS traffic routing, including short codes, whitelists/blacklists, and special numbering services. Provided configuration and support of IP tunnels to enable new network equipment integrations. Performed IMSI range administration and modifications, special tariff configurations, and operator-level adjustments to ensure reliable and optimized telecom services. Configuration & Support RAN Yoigo: Comprehensive second-level support for the operator Yoigo, including on-site technical support, integration of new equipment and technologies, maintenance of the already deployed network, and support for the operator's personnel. Handling of Quality Offensive incidents and high degradation incidents from Ps B4 TaskForce. Trainer for the BO Romania team at their headquarters in Bucharest for the treatment and support of the Onsite RAN component. Requesting and installing licenses for nodes in new integration projects, supporting incidents arising from swap work, handling and supporting

	breakdowns generated by customer complaints, support for the Front Office QO group, as well as field technicians dispatched to address this type of issue and providing support for all escalations and requests from E2E and MSIP. * Critical fault resolution * Massive fault resolution * Node repair following scheduled work by other groups * Network optimization * Script preparation and loading for mass changes Resolution of priority incidents, alarms, cell/node degradations, re-integrations, and re-parameterizations of network nodes. Execution of scheduled tasks (massive tasks on network equipment, including queries, configurations, creation of new MOs, new counters for network optimization, maintenance, network optimization). Support for escalations from BO Romania, whether they are queries, incidents, or scheduled tasks. Back Office Vodafone-Es: General second-level support for the operator Vodafone. On-site technical support, support for remote integration teams (we oversee integration personnel from Ericsson in India and Mexico), creation and modification of integration scripts, expansion of equipment already deployed in the network, maintenance of the network provided to the operator, verification and acceptance of completed integrations and expansions, support for the operator's personnel, bulk or individual node parameterization, creation of procedural guidelines, installation of operator-acquired licenses, nationwide deployment and activation of new technologies (UMTS900), development and deployment of special configurations, whether new or for event execution, etc. Back Office Yoigo: comprehensive second-level support for the operator Yoigo, including on-site technical support, integration of new equipment and technologies, maintenance of the existing network, and support for the operator's own personnel. TAC Radio: second-level technical support to field technicians from any operator dispatched for all types of issues, including maintenance, new integrations, testing of new configurations, new equipment, procedure development, field technician training, deployment of new software for local node management, etc. RAN Engineer: specialized in 2G, 3G, 4G, and 5G radio systems at ERICSSON for all major mobile telecommunications operators in Spain. I worked in various departments within the company as needed.
Technologies (RAN)	Ericsson 2G, 3G, 4G, and 5G radio systems
Technologies (SW dev)	Python, Tkinter

2006 / 2011	
Company	Telefónica Móviles (Movistar)
Category	Second-level technical support
Activities	Second-level technical support for Ericsson, Motorola, Siemens, Nokia radio systems, repeaters (Mier, Andrew, Retensa, Allgon, Ikusi, Dekolink), Reflex systems, both GSM/DCS and Utran/3G. Expertise in Ericsson radio systems. Expansion of EDGE system in GSM/DCS carriers and management of provincial ARAs.
Technologies	Ericsson, Motorola, Siemens and Nokia 2G, 3G radio systems. Repeaters and reflex systems

2006	
Company	Ericsson

Category	Expert radio systems integrator
Activities	Expert radio systems integrator for GSM/DCS providing service to Telefónica Móviles. Upgrading from RBS200 to 22xx, integrating new carriers for service expansion, new frequencies, and swapping Motorola equipment to Ericsson.
Technologies	Ericsson 2G, 3G radio systems.

2005	
Company	Union Fenosa Telecom
Category	Network Operation and Control operator/supervisor
Activities	Network Operation and Control , operation and supervision of the UF International Network. Planning, organization, supervision, and control of communication elements. Integration of equipment, handling incident dispatch, and monitoring faults with internal and external groups (maintenance contractors, link and power providers), managing all company's technologies.
Technologies	Frame Relay, PDH, SHD, ISDN, ADSL, Satellite, PBXs, PADS

2004 / 2005	
Company	Vodafone Spain
Category	Specialist O&M
Activities	Specialist O&M (Operation and Maintenance) supervising Vodafone's radio access network across Spain for 2G and 3G (alarm detection, incident analysis and diagnosis). Dispatching of incidents and tracking of faults with internal and external groups (maintenance contractors, link and power providers).
Technologies	Ericsson 2G, 3G radio systems.

2004	
Company	Telefónica Data
Category	Network Operator
Activities	Network Operator at CGP Plata 5 and 6 of Telefónica Data. Telecommunications area, network operation and management department. Management and handling of incidents for clients belonging to the CGP (Aegon, Banco Guipuzcoano, CLH, Europa Press Y Fraternidad Muprespa, Alcampo, Banco Simeon y Banco Gallego).
Technologies	Networking

EDUCATION AND PROFESSIONAL TRAINING

- 2024 Reflex web framework. 40 h.
- 2023 Python 3 and advanced python 3 (including: OOP Programming, UnitTest, Doctest, Beautiful Soup, FastAPI, Pandas, Docker, NumPy, Matplotlib, Pipenv, Tkinter, SQLite, Turtle, Pygame). 500 h.
- 2023 Git/GitHub. 16 h.
- 2023 Django web framework. 40 h.
- 2011 RBS 6000 Ericsson. Taught at Ericsson Spain (new Ericsson RBS 6000 equipment for both 2G and 3G technologies). 80 h.
- 2006 Siemens NodeB. Taught at SIEMENS Spain (MN3500, MN3515, MN3510 standards). Introduction to UMTS Siemens, UTRAN NodeB O&M and Commissioning, UTRAN RNC O&M and Commissioning. 40 h.
- 2003 / 2004 Cisco Network Design and Maintenance" for the official CCNA (Cisco Certified Network Associate) certification from the multinational CISCO SYSTEMS. La Inmaculada PP.Escolapios. 150 h.

TECHNOLOGIES

- Architecture: REST.
- Languages: Python.

- Desktop: PyCharm, VSCode.
- Web: Django, Reflex
- Testing: UnitTest
- DB: SQLite.
- Source Control: Git.