

FRANCISCO AREVALO

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Open to remote work and relocation within the U.S.

Summary

Bilingual (Spanish–English) Experienced Project Manager and IT professional with a strong background in telecommunications and technology infrastructure. Successfully led a process automation project at MGM Mirrors and spearheaded the first installation of 3G cellular technology as a Station Coordinator at Claro Ecuador. Eager to leverage skills in network management and project execution to contribute efficiently to key objectives in the new role.

Founder and CEO of IRTEL S.A., Ecuador Latam. Telecommunication company founded in 2013 in Guayaquil, Ecuador. Specialized in installation and maintenance Microwave, BTS Cellular Technology 5G and 4G, Power Plant, site survey, it was one of best outsourcing of Nokia and Alcatel in Ecuador. Clients Claro Ecuador, Nokia, Huawei, ZTE, Eltek Brasil, Ericson. I obtained and managed all of the company's contracts.

EDUCATION

Guayaquil University

MS, MBA about telecom companies

• **Achievements:** Thesis: In process “Company of telecom”

2007 - Sep 2009

Guayaquil, Ecuador

University of Guadalajara, Mexico

DP, Administration and Telecommunications

Apr 2009

Guadalajar Mexico

ESPOL, Escuela Superior Politecnica del Litoral

BS, Electronic Telecommunication Engineering

• **Achievements:** Academic equivalent in USA: Bachelor’s Degree in Electrical and Telecommunication Engineering Technology Evaluation by Silvergate Evaluations Inc. 2022

1996 - Jan 2000

Guayaquil Ecuador

HONORS AND AWARDS

- Top ten of the best mathematicians 1996
- Sixth place in national mathematicians intercollegiate contest in Ecuador

PROFESSIONAL EXPERIENCE INVOLVES TECHNOLOGY

MGM

Project Manager and IT support Network Engineer

Develop new projects leading installation projects, develop project budgets, costs, and estimates, and participate in meetings with clients to develop the project and Support of Infrastructure technological IT, about the network, internet and PBX in the company.

- Upgraded the PBX system by adding services and installing a new switchboard, which improved customer service and automated certain services
- Developed software to monitor maintenance project work for clients, enhancing process efficiency and client satisfaction

Jan 2023 - Present

NEW YORK

A C Electric

Electric Engineer and IT

Installation and supervision of electrical projects. Handling plans for project implementation and development.

- Led a project in Colorado involving the installation and configuration of PLCs for a smart greenhouse, enhancing automation and efficiency in environmental control systems

Aug 2022 - Jan 2023

LOS ANGELES

IRTEL Ecuador, LATAM

Founder & Chief Executive Officer (CEO)

Job Description: . the visionary leader and primary executive responsible for setting the strategic direction of the company, driving business growth, and ensuring operational excellence. Take a hands-on approach to **business development, sales strategy, and contract acquisition and closure** with key clients, partners, and enterprise customers. Strong leadership with commercial and technical acumen to deliver revenue growth and long-term success.

- I secured a maintenance and installation contract throughout Ecuador, covering approximately 1000 pieces of equipment, and exclusive representation of the ELTEK brand for power plants for cellular operators in Ecuador.

Jan 2003 - Feb 2008

- Site survey contract for the installation of new 4G cellular technology for the mobile operator Claro Ecuador.
- Contract for the installation of microwave links for Calatel in Jamaica.
- To position the company as one of the best contractors for the installation and maintenance of cellular base stations and power plants for Nokia and Alcatel in Ecuador.

Claro Ecuador, Conecel LATAM

Jan 2011 - Feb 2022

Back Office Engineer

Job Description: Supervision, maintenance and installation of the platform. MMS, WAP, SMSC, Prepaid Tecnomen, CBS, BSS, FDA, SIMCHRONIZE, SMSGW, VISUAL VOICEMAIL, NGM, USSD, CISCO UNIFIED COMMUNICATIONS. Troubleshooting 24x7.

- Supervised and coordinated the successful migration of the central PBX from Nortel to Cisco, ensuring seamless communication transition
- Supervised and coordinated the installation of Cisco unified communications switches and routers across various locations in Ecuador, enhancing network reliability for Claro
- Conducted service tests and configurations before and after implementing the new Huawei CBS prepaid exchange, ensuring system readiness and performance
- Supervised the migration to new servers of the Prepaid platform OCS Tecnotree, ensuring minimal downtime and improved system capabilities

Claro Ecuador, Conecel LATAM

Oct 2004 - May 2011

Transmission Engineer

Job Description: Supervision, maintenance and installation of the Transmission Systems of Microwaves. PDH (Plesiochronous Digital Hierarchy), SDH (Synchronous Digital Hierarchy), Optical Fiber DWDM. Base Stations GSM (Global System Mobile) NOKIA and TDMA (Time Division Multiple Access) NORTEL, HUAWEI. Maintenance of the Performance of all the Cellular Network 2G and 3G. Implementation and execution of telecommunication projects. Administrations of the Telecommunication Network GSM, PDH and SDH. Administrations of the Telecommunication projects

- Developed and implemented remote management of radio base stations (BTS) for power plants, improving operational efficiency and reducing downtime
- Achieved expansion of cellular coverage in various areas of Ecuador by installing and configuring 4G cellular radio bases, enhancing connectivity and service quality

Claro Ecuador, Conecel LATAM

Aug 2002 - Oct 2004

Station Coordinator

Job Description: Coordinate and supervise the installation of fiber optic test, fusion, for configuration and administration DWDM in Ecuador. Project manager on the implementation of new technology GSM and TDMA technology.

- Led the first installation of the 3G Cellular Base Radio with Nokia, resulting in the successful first call in production
- Coordinated the entire project for implementing 3G cellular technology, managing equipment separation, transport logistics to remote sites, tower and civil works installation, and service testing, ensuring seamless deployment and operation

Claro Ecuador, Conecel LATAM

Aug 2001 - Oct 2002

Engineering Supervisor

Job Description: Supervision the installation OSP/ISP with testing. Implementation project about ring OSP configuration in principal cities of Ecuador. Supervisor of projects for civil work for the instalation of towers and telecommunication equipments.

- Supervised and coordinated the installation of all fiber optic rings in the main cities of Ecuador, ensuring timely completion and adherence to quality standards
- Achieved installation objectives for towers and civil works at power plants and BTS sites across Ecuador, contributing to enhanced network reliability

LANGUAGES

- English (Advanced Listener, Advanced Speaker, Advanced Reading and Writing)
- Spanish (Native Language)

PROFESSIONAL TRAINING AND CERTIFICATES

- Cisco Call Manager (Cisco Unified Communications Manager), Operation and Maintenance:Institution: Cisco
- Scrum Product Owner Certified SPOC:ID 1044446
- Scrum Fundamentals Certificates SFC:ID 1023623

- O&M 7500 MULTIPLEXERS Operation and Administration:**Institution: Huawei
- O&M 1500/2500/3500 MULTIPLEXERS Operation and Administration:**Institution: Huawei
- TNMS-CORE/CDM Operation and Administration:**Institution: Siemens
- SDH and Equipment Core Functionalities:**Institution: Siemens
- SURPRASS HiT 7070, 7050 O&M Topics:**Institution: Siemens
- SDH Basic:**Institution: Siemens
- AUTOCAD:**Institution: ESPOL University
- Power One:**Institution: Nokia
- Multiplexes “Hi-T” Wavelength Division Multiple WDM:**Institution: Siemens
- Microwaves “SRA 4” High Capacity Digital Radio:**Institution: Siemens
- Microwaves “SRAL XD” Low Capacity Digital Radio:**Institution: Siemens
- Theory and Practice Platform “DX:**Institution: Nokia
- Base Station Subsystem “BSSSYS”:**Institution: Nokia
- Base Station Subsystem Parameters “BSSPAR:**Institution: Nokia
- Ultra Site Operation “ULTOP:**Institution: Nokia
- Microwave “Flexihopper:**Institution: Nokia
- Operation, Administration and Maintenance Multiplexes “SMA 1, SMA 4” Series 2:**Institution: Siemens
- Operation, Administration and Maintenance Multiplexes “SMA Series 4:**Institution: Siemens
- Commissioning “SRA Series 3:**Institution: Siemens
- Commissioning “SMA 16 Series 4:**Institution: Siemens
- Capability of Negotiation:**Institution: Studyum
- First Congress of Telecommunication:**Institution: ESPOL
- Operation, Administration and Maintenance of cellular radiostation TDMA:**Institution: Nortel Bogota
- Network and structure cable:**Institution: CRIEEL
- Power Plant:**Institution: EMERSON
- Ability of Negotiation:**Institution: CONECEL
- Automanagement:**Institution: CONECEL
- Installation and maintenance of GSM:**Institution: NOKIA
- Management Time:**Institution: Studyum
- TDMA Technology:**Institution: NORTEL Quito
- Preparation and evaluation of Projects:**Institution: INDEG
- Design Projects:**Institution: INDEG
- Grounding system and lightning rod:**Institution: PARRES
- WCDMA RNC DATA CONFIGURATION/ OPERATION MAINTENANCE TRAINING:**Institution: HUAWEI, Brasil
- NODE B OPERATION AND MAINTENANCE TRAINING:**Institution: HUAWEI
- UMTS RADIO NETWORK PERFORMANCE MANAGEMENT:**Institution: CONECEL
- OPTIX RTN 600 SERIES OPERATION AND MAINTENANCE TRAINING:**Institution: HUAWEI
- IP RAN EQUIPO O&M:**Institution: ALCATEL
- CURSO CONECTORIZACION CABLE LISO ALUMINIO:**Institution: DIEGO PAREDES - DIGITEC
- WAP Y MMS:**Institution: CLARO
- VISUAL VOICE MAIL:**Institution: COMVERSE
- CURSO BASICO DE LINUX:**Institution: PALO SANTO
- CHARGING SYSTEM/ VOICE & DATA TARIFF TROUBLESHOOTING:**Institution: TECNOMEN
- AVAYA COMMUNICATION SERVER (CS) 1000 7.5 SYSTEM ADMINISTRATION AND MANAGEMENT:**Institution: AVAYA
- EMBLACOM PLATAFORMA VPN:**Institution: EMBLACON, SWEDEN
- CÓMO ADMINISTRAR SU SERVIDOR DE COMUNICACIONES ALCATEL ENTERPRISE:**Institution: ALCATEL
- CURSO BÁSICO DE NETBACKUP 6.5 (SISTEMA DE RESPALDO DE INFORMACIÓN):**Institution: CLARO
- CURSO DE SEÑALIZACIÓN SS7:**Institution: CLARO
- SYMSOFT SYSTEMS, USSD, OCS & SMSC:**Institution: SYMSOFT SUECIA
- MANEJO DE PROYECTOS:**Institution: JH CONSULTORES
- Charging System & Troubleshooting:**Institution: Tecnotree
- Finance for directors:**Institution: IDE, Business School
- Evaluation of Financial Opportunities:**Institution: IDE, Business School
- LBS training program, localization system cellular.:**Institution: Septier
- Financial decisions:**Institution: IDE, Business School
- CCNA, Cisco, preparation:**Institution: CLARO