

Enrique Escamilla

Data Center Infrastructure Engineer | IT Project Manager

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"Engineering solutions that inspire."

PROFESSIONAL SUMMARY

Data Center Infrastructure Engineer with 5+ years of experience delivering high-availability, mission-critical infrastructure across enterprise environments. Specialized in data center operations, structured cabling, power distribution (PDU/UPS), and network provisioning.

Proven track record of executing end-to-end infrastructure deployments, optimizing system reliability, and supporting SLA-driven operations in fast-paced production environments. Skilled at bridging the gap between technical teams and business requirements to deliver scalable, efficient solutions.

Currently expanding expertise in AI-driven infrastructure and automation, with a focus on enabling high-performance, scalable compute environments. Fluent in English and Spanish, with conversational French and Portuguese, enabling effective collaboration with global teams and international clients.

CORE COMPETENCIES & TECHNICAL EXPERTISE

Data Center & Infrastructure Rack & stack, structured cabling, labeling & patching; network provisioning, switch activation & validation; PDU/UPS load balancing and power monitoring (Schneider Electric, Eaton); preventive maintenance, troubleshooting & incident response; asset management & CMDB accuracy.

Networking, Cloud & Performance VLANs, routing & switching; HPE Aruba; F5 load balancing; network monitoring & escalation; AWS and Azure; infrastructure support for high-performance and AI-driven workloads.

Cybersecurity & Compliance Palo Alto, Fortinet, CheckPoint; access control, audits & compliance readiness.

Project Execution Requirements, scope & stakeholder alignment; cross-functional coordination; proposals, client presentations & deployments; scheduling, risk & resource planning.

Technical Skills SAP HANA & ERP; SOPs, runbooks & documentation; process optimization & automation; AI-assisted workflows and prompt engineering; client-facing ownership.

PROFESSIONAL EXPERIENCE

Data Center Infrastructure Engineer

Telmex Triara | 2021 - Present

- Executed rack & stack deployments, structured cabling, and end-to-end infrastructure provisioning across enterprise data center environments.
- Activated and validated network connectivity (switch ports, VLANs, patching) ensuring operational readiness and minimal downtime.
- Managed power distribution (PDU/UPS load balancing) to maintain redundancy and optimize capacity utilization.
- Performed preventive maintenance, troubleshooting, and rapid incident response for critical infrastructure.
- Maintained CMDB accuracy and asset tracking across physical and logical environments.

IT Project Manager / Infrastructure Engineer

Aptar Group | 2019 - 2021

- Led cross-functional infrastructure projects, aligning scope, timelines, and stakeholders across cloud, network, and facilities teams.
- Translated business requirements into technical solutions, supporting deployments in hybrid cloud environments (Azure/AWS).
- Coordinated vendors and internal teams to deliver network and data center implementations on schedule.
- Developed technical documentation, SOPs, and runbooks to standardize operations and improve efficiency.
- Supported ERP (SAP HANA) environments ensuring infrastructure reliability and performance.

EDUCATION

Computer Engineering Bachelor's Degree

Universidad Autónoma de Querétaro | Querétaro, Mexico

Diplôme en Ingénierie Informatique

Université de Nantes | Nantes, France

Advanced Technical Diploma

Hoover High School | Alabama, United States