

MARCO BRICEÑO

Electrical Engineer

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🌐 marcobriceno.com

📍 Calle cotopaul entre N y O residencia el Valle 2, Ciudad Ojeda, Venezuela



PROFESSIONAL SUMMARY

Electrical Engineer with over 20 years of experience leading electrical installation, automation, power control, and telecommunications projects. Specialist in computer-aided design (AutoCAD Map), reading, and drafting electrical and structural drawings (As-Built). Proven track record in site management and contractor supervision, having coordinated national projects in telematics, security, and electronic protection for companies such as **Petróleos de Venezuela (PDVSA)**, **Repsol – YPF**, **Cantv**, **Electricidad de Caracas**, and **Toyota de Venezuela**. Strong technical expertise in grounding systems, raceways, industrial safety, and the installation of medium and low voltage distribution networks. Proactive profile focused on operational efficiency, technical quality, and regulatory compliance in large-scale projects.

PROFESSIONAL EXPERIENCE

OSP / CAD Designer (Remote)

Jul 2022 – Present

VICSAINC | Miami, USA

- Design and drafting of technical drawings and detailed "opticals" for infrastructure using AutoCAD Map, ensuring high geometric accuracy.
- Assembly of construction permit packages (Permit Packages) and drafting of final **As-Built** descriptive drawings.
- Analysis, adjustment, and updating of engineering proposals applicable to raceway/conduit design, duct sizing, and underground/overhead networks.

Director / Co-Founder

Aug 2012 – Jul 2022

SIDVEN, C.A. | Boconó, Venezuela

- Operational management for the installation and configuration of electrical networks, automation systems, and electronic security for commercial and industrial sectors.
- End-to-end project management, ensuring efficient resource administration and adherence to the highest technical quality standards in the field.
- Implementation of operational strategies for construction execution under strict compliance with electrical codes.

Installations Manager

Jul 2009 – Jul 2012

GARAL SISTEMAS, C.A. | Caracas, Venezuela

- Leadership in the execution, commissioning, and inspection of installations for Automation, Power Control, Telematics, and Security projects.
- Nationwide coordination of technical staff and contractors for high-level corporate clients in the oil and energy sectors: **Petróleos de Venezuela (PDVSA)**, **Repsol - YPF**, **Electricidad de Caracas**, among others.
- Construction planning, administration, and supervision, ensuring industrial safety protocols and project timelines for the oil & gas industry.

Previous Engineering Roles

Prior to 2009

GEXCEL 2600 C.A. / Municipal Engineering Office, Boconó

- **Site Supervisor:** GEXCEL 2600 C.A. (Caracas) - Field supervision of electrical distribution projects for **Electricidad de Caracas** (1 Year).
- **Project Engineer:** Municipal Engineering Office (Boconó) - Development and monitoring of local infrastructure projects (1 Year).

EDUCATION

B.S. in Electrical Engineering

Sep 1997 – Sep 2003

Universidad Fermín Toro

TECHNICAL & DIGITAL SKILLS

- **Engineering & Blueprints:** Grounding Systems, As-Built Drawings, Single-Line Diagrams.
- **Infrastructure:** Raceways & Conduits, Electrical Installations, Voice & Data.
- **Regulations & Safety:** Industrial Safety (Electrical Sector), Fire Detection & Extinguishing Systems.
- **Languages:** English (Advanced / Technical).
- **CAD & GIS Systems:** AutoCAD Map 3D (AutoLISP/ Visual LISP), QGIS (Spatial Analysis, CAD-GIS Integration).
- **AI-Assisted Development & IDEs:** Prompt Engineering, LLM Integration (Gemini, ChatGPT, Claude), HTML/CSS/ JS, VS Code and Antigravity.
- **Knowledge Management & Productivity:** Notion, Obsidian (PKM), Slack, Google Workspace, MS Project.

COURSES & CONTINUING EDUCATION

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|---|---|
| 2019: Experiential Leadership Program (Forja) | 2007: DS Xpress Digital Recording (Integral Tech) |
| 2012: Web Page Design (V.O. Soluciones) | 2007: High-Performance Team Leadership (Management) |
| 2010: Advanced English Course - 448h (Loscher E.) | 2006: Andover Controls Technical Training (Garal) |
| 2009: Intermediate English Conversation (Loscher E.) | 2006: Faragauss Grounding Systems (Garal Sistemas) |
| 2008: First Aid Training (Garal Sistemas) | 2006: ONYX Series 640/3030 Fire Detection (Notifier) |
| 2008: ISO 9001:2000 Induction (CEAC 9000) | 2006: Supervisory Development Training (Guide) |
| 2007: Process Management (CEAC 9000) | 2006: Intelligent Fire Alarm Systems (Notifier) |
| 2007: Industrial Safety & Hygiene (Garal Sistemas) | 2004: Basic English Course (Loscher Ebbinghaus) |