IGOR NERE DA SILVA

ELECTRICAL INSTALLATION & ELECTROMECHANICAL MAINTENANCE | FIELD WORK

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PROFESSIONAL SUMMARY

Electrotechnics technician with hands-on experience in electrical installations, generator sets, electrical panels, industrial equipment maintenance, and construction field work. Experienced in reading technical drawings, using hand and power tools, assisting with equipment installation, testing, and troubleshooting. Willing to take practical electrical helper and installation roles in the United States, subject to appropriate work visa authorization.

RELEVANT WORK EXPERIENCE

Electromechanical Installer | DWT Geradores / DW Instalações Eletromecânica | Jun 2023–Feb 2025

- Installed generator sets, electrical switchboards, control panels, and associated equipment.
- Supported field installation, equipment testing, commissioning, and crew coordination.

Industrial Maintenance Technician II | LEADEC | Jul 2025–Apr 2026

- Performed preventive and corrective maintenance on electrical panels, motors, and industrial equipment.
- Identified electrical faults and supported installation and industrial automation activities.

Engineering Analyst | HELP Engenharia / HELP Telecom Serviços | Jan 2026–Present

- Prepare electrical service connection designs and coordinate field operations, contractors, and technical documentation.
- Manage electrical projects, commissioning activities, and field crew coordination.
- Monitor project budgets, expenses, and financial performance to ensure cost control and timely project delivery.

Self-Employed Mason / Construction Worker | Brazil | 2020–2023

- Completed independent residential construction and renovation projects, typically lasting 3–5 months.
- Built masonry walls, concrete slabs, columns, beams, and foundations; performed plastering, floor tiling, and finishing.
- Installed doors, windows, and residential water supply and wastewater piping in houses and apartments.

PRACTICAL SKILLS

Electrical installations • Electrical panels and motors • Generator sets • Equipment testing • Industrial maintenance • Hand and power tools • Technical drawings • Construction field work • Troubleshooting • Teamwork • Adaptability • Preventive maintenance • Equipment inspection and repairs

EDUCATION & TRAINING

Technical Diploma in Electrotechnics | CPET, Brazil (1,705 training hours)
Electrical Engineering undergraduate studies (in progress) | FMU, Brazil
Mitsubishi Electric: Basic PLC Programming (12 hours); Variable Frequency Drives (2 hours)

LANGUAGES & MOBILITY

Portuguese: Native | English: Intermediate (self-assessed B1) | French: Beginner
Based in Brazil; available to relocate subject to appropriate U.S. work visa authorization.