Jairo Andrés Morales Rodríguez

ELECTRICAL ENGINEER · UTILITY-PROVIDED POWER DISTRIBUTION

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# Presentation

Electrical Engineer with technical and design knowledge of distribution systems for medium and low voltage networks based on load projection studies and electrical substations according to current regulations (RETIE). Competitive with analytical skills, able to manage projects, and able to take decisions with a high sense of professional responsibility and teamwork.

# Education

**UEA (El Bosque university)** *Bogotá, Colombia*

PROJECT MANAGEMENT SPECIALIZATION *Jan. 2020 - Present*

**UTP (Technological University of Pereira)** *Pereira, Colombia*

B.S. IN ELECTRIC ENGINEERING *Jan. 2007 - Jun 2015*

**Skills**

**Programs** AutoCad, Excel, Word, Dialux, LaTex

**Languages** Spanish (Native), English

# Experience

**GENSER POWER COLOMBIA** *Bogotá, Colombia*

ELECTRICAL ENGINEER OIL & GAS PROJECTS *Oct. 2021 – Present.*

* Calculations report, and design according to electrical standards.
* Search for different alternatives aimed to improve the efficiency of the system.
* Conceptual engineering, construction, and detail plans.
* Verify technical specifications.
* Design internal illumination systems (DiaLux Based).

**MGM ENGINEERING SA** *Bogotá, Colombia*

ELCTRICAL ENGINEER & POWER DISTRIBUTION DESING *Jul. 2020 - Exp. Oct. 2021*

* The designing report, cost estimates and designing medium voltage systems for the utility grid.
* Verifies Designer’s work quality regarding specifications and reports in power distribution networks.
* Verifies Designer’s work quality regarding specifications and reports in electrical substations.
* Review and design in substation projects.
* Technical studies in power distribution systems.

**INMEL SA** *Bogotá, Colombia*

ELCTRICAL ENGINEER & POWER DISTRIBUTION DESING *Jun. 2017 - Exp. Feb. 2020*

* Electrical documentation , design facility improvement measures, including accurate descriptions, cost estimates and back up data to verify facility movement measures.
* Verifies Designer’s work quality regarding specifications and reports in power distribution networks.
* Verifies Designer’s work quality regarding specifications and reports in electrical substations.
* Designs for electrical and utility-provided power distribution and standby power distribution.
* Document study progress/results through the preparation of memos, minutes and reports as a record of events.
* Review and design in substation projects.
* Technical studies in power distribution systems.

**GDEL SA** *Bogotá, Colombia*

ELCTRICAL ENGINEER & POWER DISTRIBUTION DESING *Jun. 2015 - Exp. Jan. 2017*

* Electrical documentation, design facility improvement measures, including accurate descriptions, cost estimates and back up data to verify facility improvement measures.
* Designs for electrical and utility-provided power distribution and standby power distribution.
* Document study progress/results through the preparation of memos, minutes and reports as a record of events
* Technical studies in power distribution systems.

# Training

2010 **Home electrical installations**, SENA *Colombia*

2012 **Colombian Electric System Seminar**, Technological University of Pereira *Colombia*