



❖ **Hector Alan Lopez Gutiérrez**

❖ **Renewable Energy Engineer**



Querétaro, Querétaro Arteaga, México



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Summary

Professional with a strong sense of responsibility and a high degree of frustration tolerance, holding positions in management, projection, execution, and coordination of projects within the electrical sector, industry, telecommunications, and construction. Developing and generating experience over time.

Key Skills

- Risk Management
 - Managed Services
 - Incident Resolution
 - Resource Optimization with a focus on continuous improvement and results
 - Design and implementation of backup systems (UPS, generators, battery banks)
 - Working at heights
 - Problem-solving abilities
 - Design and execution of photovoltaic projects
 - Administration and coordination of staff
 - Electrical circuit analysis
 - Electrical measurements
 - Low voltage electrical installations
 - Medium voltage electrical installations
 - Liaison with CFE (Federal Electricity Commission)
 - Design and development of electrical diagrams
 - Project management and direction
 - Administration and control of electrical works
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Certifications

Competency Standard EC0586.01: Installation of photovoltaic systems in residential, commercial, and industrial sectors, in **Universidad Tecnológica de San Juan del Río**. (2021)

Experience

- **Independent Professional**
Project Director
March 2024 – Present (6 months)
- **Solfium**
Project Development Manager
November 2023 – May 2024 (7 months)
Queretaro Arteaga, Mexico
- **CFE Distribución**
External Supervision Engineer of Electrical Works
CFE
June 2023 – November 2023 (6 months)
- **GG Cables and Wires México, S. de R.L. de C.V.**
Maintenance Coordinator
June 2022 – June 2023 (1 year 1 month)
San Juan del Río, Querétaro Arteaga, México
- **Issemex**
Electrical Works Coordinator
April 2022 – June 2022 (3 months)
Querétaro, Querétaro Arteaga, México
- **IENTC Telecom**
Head of Electrical Infrastructure
March 2020 – April 2022 (2 years 2 months)
Querétaro Arteaga, Mexico. -Developed and executed electrical projects for the integration of sharing antennas in strategic sites and conducted the commissioning of the sharing antenna, pending approval from ALTAN. Conducted preventive and corrective maintenance on company installations, ensuring 24/7 operation of critical points including battery banks, substations, isolated photovoltaic systems, and backup generators, Managed operational area personnel, assigning tasks relevant to the infrastructure area.
- **Electrificaciones Alfa**
Project Development Coordinator
May 2017 – April 2020 (3 years)
Querétaro and surroundings, Mexico
- **BSCONSTRUCTORA**
Project Leader
January 2015 – January 2017 (2 years 1 month)
Querétaro and surroundings, Mexico

Education

Universidad Tecnológica de Querétaro

Bachelor's Degree in Renewable Energy Engineering
