



ANDRÉS FELIPE GARCÍA PATIÑO

28 YEARS OLD
ELECTRONIC AND ELECTRICAL
ENGINEER

With 3 years of experience in electrical substation automation sector, I consider myself a person with a high sense of responsibility, empathy, always willing to do my best to solve problems, improve processes and teamwork.

"Leadership, direction to achievement, teamwork, process improvement are my interests."



CONTACT AT ME



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<https://github.com/andresfgp>



Calle 37 sur #27-90.

Envigado, Antioquia, Colombia



Professional Registration:

AN205-127121 / AN206-127120



CC: 1.152.444.837 / AP753326



EDUCATION

Misión TIC 2022 Ruta 2 | 2021 (current)
Antioquia University.

Specialist in Project Management | 2021
UNITEC.

Electronic and Electrical Engineer | 2017
Pontificia Bolivariana University.

Primary and Secondary School | 2010
San José de la Salle School.



CERTIFICATES

Power Systems Communication SI Level II (IEC 61850, DNP3.0 y Modbus) | 2019 | United States ABB | 36 hours.

IEC 61850 Training | 2019 | Axon Group | 32 hours.

Microsoft Excel Level II (Advanced) | 2017 | Nacional University | 24 hours.

General English and IELTS Preparation | 2015 | Deakin University Australia | One year.



LANGUAGES

ENGLISH: 65% 65% 65%



PROGRAMMING LANGUAGE

| | |
|------------|-------------|
| HTML | <div></div> |
| CSS | <div></div> |
| JavaScript | <div></div> |
| React | <div></div> |
| SQL Server | <div></div> |
| Python | <div></div> |
| Java | <div></div> |
| C++ | <div></div> |



SOFTWARES

- GITHUB and Visual Studio Code
- RTAC acSElerator SEL and Diagram Builder SEL
- QuickSet acSElerator SEL
- PCM600 ABB
- DIGSI SIEMENS
- Axon Builder and Axon Exchange
- SubSTATION Server and Explorer
- Visual Basic
- Autocad
- Microsoft Office



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WORK EXPERIENCE

HMV Engineers LTDA | 2018 January - 2021 June

Design Project Engineer and commissioning

- Basic and detailed engineering consulting of the control and protection systems related to Level 2.
- Preparation of technical specifications and economic offers related to the development of electrical substation control systems (level 2).
- Design of the electrical substation control system (level 2), including programming and execution associated with testing and commissioning of electrical substations.
- Design and assembly of local communications networks in high voltage substations.
- Interactions with clients in the technical aspect.
- Participate in the assembly of the communications network cabling.
- Participate in the testing and commissioning of substation projects.
- Purchase of equipment and accessories associated with the level 2 control system.

José Heriberto Franco (+57) 300 646 3125.



DEVELOPED PROJECTS

TESLA | Giga Factory Texas Substations | 2021 | United States

MRP | Pallata Substation 220 kV | 2021 | Chile

ELECTRICARIBE | San Jacinto 66/34,5/13,8 kV, Nueva Montería 110/34,5/13,8 kV y Cereté 110/34,5/13,8 kV Substations | 2020 | Colombia

SAESA | Punta Colorada 220 kV, Pan de Azúcar 220 kV y Maitencillo 220 kV Substations | 2019 | Chile.

SAESA | Río Toltén Substation 220 kV | 2019 | Chile.

PRIME ENERGÍA | Termoflores 220/110 kV y Oasis 110 kV Substations | 2019 - 2020 | Colombia. .

ESSA | Barrancabermeja Substation 230/115/34,5 kV | 2019 | Colombia.

CONTINENTALGOLD | Buritica Substation 110 kV | 2018 | Colombia.

EPM | Nueva Colonia 110/44/13,2 kV, Brisas 44/13,2 kV, Apartado 110 kV, San Jerónimo 110/44/13,2 kV, Santa Fé de Antioquia 110/44/13,2 kV, Valdivia 44/13,2 kV, Yondó 44/13,2 kV, Ciudad Bolívar 44/13,2 kV, Central 110/44/13,2 kV y Betulia 44/13,2 kV Substations | 2018 | Colombia.



REFERENCES

JULIÁN DAVID GALLEGU GARCÍA

Senior React developer

Lean Tech IO

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SANTIAGO CARDONA LOPEZ

Full-Stack Engineer

TEAM International

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