



# 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%



## TECHNICAL SKILLS



HTML



CSS



REACT



git



python™



MySQL®



Java



## 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

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