

# Daniel Felipe Macias Gonzalez

## Electrical Engineer

✉ Email: [dafmaciasg@gmail.com](mailto:dafmaciasg@gmail.com)

☎ Tel: +573022258834

📍 La Valeta, Malta – European union

### Summary

#### Years of Experience

3+ General Experience (mining, oil and gas, industry, offshore Oil and gas)

2+ Specific Experience (oil and gas and offshore oil and gas)

#### Industries

- Offshore oil and gas
- Oil and Gas
- Upstream
- Mining
- Industry
- Preventive and corrective maintenance of electrical machines (motors, electrical transformers and power generators)

#### Types of Facilities

- Platform Offshore
- Oil wells
- Mining
- Factories

#### Areas of Expertise

- Offshore oil and gas
- Electrical studies
- Conceptual, basic, feed and detail engineering

### Qualifications

#### Education

Electrical Engineer - 2021

Universidad Distrital Francisco Jose de Caldas

Technician in Electricity - 2012

Servicio Nacional de Aprendizaje

#### Registrations / Certifications / Licenses

Professional Target Electrical Engineer (Professional Council of Electrical and Mechanical Engineering – Colombia)

T-HUET (Tropical Helicopter Underwater Scape Training)

BOSIET (Basic Offshore and Certification Training)

CA-EBS Compressed Air Emergency Breathing System

#### Software / Skills

- Excel, Bentley MicroStation Connect Edition, Bentley Raceway and Cable Management, Bentley OpenPlant, Bentley Substation Design, Autocad, Dialux, Aveva E3D, Neplan, Etap, ProjectWise, SharePoint, NavisWorks, CadWorx.

#### Languages

- English - Intermediate
- Spanish – Native

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## Experience

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**Company:** Consultec Internacional

**Job Position:** Offshore Electrician

**Country:** Colombia

**Clients:** Noble Drilling

**Date:** (July 2024 - Present)

**Missions or tasks:**

- Operation and maintenance of electrical systems on a semi-submersible rig.

**Company:** Wood PLC

**Job Position:** Electrical Engineer

**Country:** Colombia

**Clients:** ConocoPhillips, Ecopetrol

**Date:** (March 2023 – July 2024)

**Missions or tasks:**

- Design and review of electrical plans.
- Electrical studies in Neplan and Etap.
- BIM modeling.

**Company:** Hatch LTD

**Job Position:** Electrical Designer Engineer

**Country:** Colombia

**Clients:** Codelco, Yanacocha, Li-Cycle, Trail-Teck, Ecopetrol

**Date:** (October 2021 – March 2023)

**Missions or tasks:**

- Design and review of electrical plans.
- Electrical studies in Neplan and Etap.
- BIM modeling in Bentley platform (Bentley MicroStation Connect Edition, Bentley Raceway and Cable Management, Bentley OpenPlant, Bentley Substation).
- Oil well field visits.

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**Company:** Genelec de Colombia sas

**Job Position:** Electrical Engineer Assistant

**Country:** Colombia

**Clients:** Hustman, Kimberly-Clark, Argos

**Date:** (September 2020 – March 2021)

**Missions or tasks:**

- Elaborating reports around different activities of electrical engineering in the company.
- Electrical studies in Neplan and Etap.
- Field visits.
- Preventive and corrective maintenance of the electrical machines (Motors and electrical transformers).

## Professional History

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- Consultec International ( July 2024 – Present)
- Wood plc (March 2023 – July 2024)
- Hatch ltd (October 2021 – March 2023)
- Genelec de Colombia sas (September 2020 – March 2021)