

# Filipe dos Santos Alexandre Chau

## Electronic and Telecommunication Engineer

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☎ (+258) 84 365 4228 | 87 751 2220 🇲🇵 Mozambican in Filipe Chau 🐦 filipe\_chau 📁 Portfolio

### Profile

Experienced Electronics and Communications Engineer with strong skills in the maintenance and operation of Data Center Facilities, Network Infrastructure, Electronic Security Systems, Electrical Systems and Programming. Broadly developed analytical skills along with excellent standards of operations, I possess strong technical and interpersonal skills, which allow me to interact with a wide range of customers and partners. I look forward to being challenged in order to grow and further improve my technical skills.

### Professional Experience

#### **Electronic System Security Engineer, Total Energies (FPB subcontractor)**

May 2023 - present

- Plan and supervise the installation and maintenance of control panels, security sensors, contact ports, wiring for wired systems, sirens, IP cameras and devices, video verification equipment, programming cards and other necessary equipment for the security system.
- Provide remote and onsite technical support to field technicians in test cases and equipment failures.

Cabo Delgado - Afungi,  
Mozambique

#### **Data Center Engineer, Movitel S.A**

Aug 2021 - May 2023

- Maintained Integrity in the Movitel Tier IV Data Center Power equipments such as: Generators, UPS, Battery Strings, Rectifiers, Precision Air Conditioners (HVAC) resulting in no downtime.
- Planned and performed installations and uninstallations of rack-mounted servers, network cabling, fiber cabling and power distribution, servers, switches, firewalls, routers and other telecommunications equipment resulting in efficient and effective data center operations.
- Participated in the data center expansion planning, applying new design standards, and installing 5G technology resulting in increased capacity and scalability.
- Cooperated with all Technical Departments at Movitel and the Viettel Network Operations Center in the configuration and implementation of new services resulting in network optimization.

Maputo, Mozambique

#### **Information Communication Technology Teacher, Instituto Foco**

Feb 2019 - Nov 2019

- Planning of classes and activities to facilitate the acquisition of basic and advanced computer knowledge by students
- Instruct students in a way that builds confidence in their abilities. Observe and manage the dynamics of the classroom.

Matola, Moçambique

## Skills

### Computer Science

Microsoft Office, Web Development, Computer Network, Linux, Windows

### Problem-solving

### Teamwork

### Data Center Infrastructure

Power System, Network Infrastructure, Fire Detection and Alarm Systems, HVAC Systems, Generator Sets, UPS, Rectifiers, Battery Strings, Electronic Security System and CCTV

### Effective communication

## Education

### Electronic and Telecommunication Engineer,

*Escola Superior de Ciências Náuticas*

2014 - 2022

Maputo, Mozambique

Skilled in troubleshooting, installation review, adjustments, repairs with a clear understanding of a variety of networking and communication equipment, including copper wire networks, fiber optics, and wireless communication technologies, as well as principles of generation, transmission, and distribution of power from various sources.

## Languages

English



French



Portuguese



## References

**Nordino Banze**, *Head of Operations*, Ressano Garcia Thermal Power Plant  
(+258) 84 705 9273

**Ngo Minh Hieu**, *Head of Maputo Main Station*, Movitel SA  
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