

# ARUN KUMAR

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## PROFILE SUMMARY

Experienced Engineer with over 7.5 years in electrical system installations and commissioning across diverse substations. Successful track record in managing complex projects, ensuring adherence to timelines, and maintaining high-quality standards. Proficient in client collaboration, budget management, and leading cross-functional teams.

## EDUCATION

### Pondicherry University

Bachelor of Electrical and Electronics Engineering

Pondicherry, India

06/2016

## PROFESSIONAL EXPERIENCE

### Voltech Engineers Mali Sarl

Erection Engineer

Mali, Africa

06/2023 - Present

- ❖ Currently overseeing the establishment and initiation of a 225/33/15kV Line Bay at Kodialani Substation.
  - Successfully carried out the erection of a Type A tower and facilitated stringing connections to the existing substation.
  - Executed the installation of electrical components, including circuit breakers (CB), current transformers (CT), capacitive voltage transformers (CVT), lightning arresters (LA), and disconnectors.

### Voltech Engineers Sierra Leone Sarl

Erection Engineer

Sierra Leone, Africa

05/2023 - 06/2023

- ❖ Directed the assembly & operation of 4x5.2KVA IDT Transformer in 40MW Koidu & Makeni Substation.

### Voltech Engineers Senegal Sarl

Erection Engineer

Senegal, Africa

01/2023 - 02/2023

- ❖ INDORAMA – ICS, Senegal.
  - Installation and commissioning of a 1.7MVA Power Transformer, Variable Frequency Drive (VFD), and Isolator Panel.
  - Executed the meticulous 1Cx300Sq.mm cable laying for the charging of the Transformer from the existing Switchgear Breaker.

### Voltech Engineers Mali Sarl

Erection Engineer

Mali, Africa

04/2022 - 05/2023

- ❖ Led the establishment and operationalization of the Bougouni Substation with a voltage configuration of 225/33/15.
  - Installation of Electrical Equipment, encompassing 15kV & 33kV Switchgear, 127V & 48V Batteries, CRP & Battery chargers.
  - Efficiently scheduled work priorities, collaborated with clients to expedite project timelines, and ensured cost-effective project management.

**TransGlobal Power Limited****Chennai, India**

Project Engineer

07/2021 - 04/2022

- ❖ Actively managed for end-to-end construction and commissioning of 230/110kV SS in Maraimalai Nagar.
  - Established method statements and risk assessments, implemented, controlled, and reviewed project plans, and took responsibility for technical drawings.

**TransGlobal Power Limited****Chennai, India**

Project Engineer

08/2020 - 07/2021

- ❖ Managed significantly for the commencement of 230/33 kV GIS Mambalam SS.
  - Developed new erection procedures, meticulously planned and performed the installation of Switchgear and Control panels, and actively participated in weekly meetings with engineers and contractors.
  - Coordinated with the Siemens engineers regarding the materials for the erection of GIS types of equipment.

**TransGlobal Power Limited****Hosur I Sankarapuram, India**

Project Engineer

10/2017 - 08/2020

- ❖ Played key role in setting up of newly configured 230/110kV Sankarapuram & Uddanapalli Substations.
  - Organized the erection & installation of 4X100MVA Auto Transformer and 2X50KVA Distribution Transformer.
  - Prepared and reviewed engineering specifications, scopes of work, schedules of payments, and other crucial documents.
  - Controlled engineering activities to maintain work standards, adhere to timelines and meet quality assurance targets.

**TransGlobal Power Limited****Trichy, India**

Site Engineer

06/2017 - 10/2017

- ❖ Assisted the activities in constructing the 110kV Transmission Line from Poyyur, Ariyalur to Koothur.
  - Acquired new methodologies on transmission lines, routing, and stringing of conductors.
  - Studied layout plans and estimated costs for constructing transmission lines, including high-tension facilities for carrying power from the source to distributing points.

**TamilNadu Electricity Board****Chennai, India**

Technical Assistant

09/2016 - 06/2017

- Supervised the erection and commissioning of Power Transformer (110/33kV).
- Involved in erection of CT & PT.
- Maintenance of Substation equipment, including safety work permits, monitoring.

**TECHNICAL SKILLS**

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• Leadership • Project Management • Substation Engineering • Safety • Contract Management

**AREAS OF EXPERTISE**

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• Substation • Planning & Execution • Engineering Support • Equipment Installation • Microsoft 360

**LANGUAGES**

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• English • Telugu • Tamil • Hindi • French