



AHAMMED DARVEES

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Address: Al Nahda tower, Al Nahda 2, Dubai, UAE

Seeking assignments as an **ELECTRICAL or CONTROL SYSTEM ENGINEER**

Preferred Location: Middle East or other location

Personal Summary

A competent Electrical control system engineer with 3 years of field experience in Battery operated vehicles, industrial control systems, diagnosis of electrical and hydraulic circuits, etc. a comprehensive knowledge of designing, developing, and maintaining electrical systems and components to required specification, focusing on sustainability, reliability, quality, safety, and economy who aims to achieve high career growth through a continuous learning process, keep me dynamic, visionary and competitive with the changing scenario of the world and to contribute for the growth of the organization.

Work Experience & Apprenticeship

> **EMIRATES GROUP (DUBAI AIRPORTS), Dec 2021-till present.**

- Reports the condition of assets during the inspection or preventive maintenance activities and highlights the repetitive faults to help plan and schedule any corrective maintenance requirement.
- Troubleshoot, testing, and commissioning of industrial AC&DC motors, transformers, generators, industrial batteries, rectifiers, inverters, etc.
- Performing preventive and breakdown maintenance of MTU Engine, Diesel generator sets, battery-operated vehicles, and aircraft ground power units.
- Diagnosing hydraulic circuits, and designing electrical control systems for the required hydraulic operation.
- Inspection of PLC & HMI Instruments, Industrial Contactors & Relays, etc.
- Performs daily inspection of all equipment, vehicles, plant & machinery for operational reliability & safety and reports findings to the service delivery officers.
- Guides junior or entry-level team members to carry out maintenance activities and repairs to equipment, vehicles, plant & machinery, components, and sub-assemblies under breakdown.
- Quality control in accordance with procedures methods statements.
- Working at challenging locations, with health and safety as a primary concern.

> **Testing Engineer at (Western Communication) Karnataka, India 2015-2017.**

- Designing, maintaining, calibrating, and troubleshooting electrical & electronic equipment.
- Installation of GPS, VHF & UHF Radio (Very High-frequency Radio), Transducers (Sensors), and AIS (Automatic identification System) at Marine and Submarine Ships.
- Inspection of PLC & HMI Instruments, Industrial Contactors & Relays, etc.
- Performing different test analyses to prevent Equipment breakdown i.e., insulation testing, open and short circuit tests, and conducting loop tests.
- Designing Main Distribution Boards, Sub Main Distribution Boards, LV Panels, Motor control Units, Feeder pillars, etc.
- Troubleshooting any abnormalities during operations and rectifying them when necessary.

> **NMPT- New Mangalore Port Trust (Solar power plant), July 2019**

- Monitored and coordinated a 4MW Solar Power Plant comprising a total area of 13.8 Acres. Annually 3700tons of CO2 footprints are saved. The Plant was Equipped with a SCADA system. The ground-mounted plant was the first of such projects in the region. The 4MW solar plant has come up at Peacock Garden, in NMPT residential colony. Service and maintenance were done by BOSCH.
- Interpreting Drawings and laying down of Earthing and Earthing rods for various machines including Transformers, Solar panels, and installation of Lightning Arrester.
- Installed electrical apparatus, fixtures, and safety components like switches resistors, circuit breakers panels connecting wires and networks ensuring compatibility of components as per given details
- Perform effective Troubleshooting to identify hazards and repair or substitute damaged units.
- Preparing daily progress reports, and Coordinating with the production department on project progress.
- Ensured adherence to best and safe project practices.

Noteworthy Accomplishments

- > **DRIVING LICENCE INTERNATIONAL and UAE available.**
- > **Airport Driving Permit (ADP) Dubai Airport.**
- > **Certified Emergency First Aider.**
- > KSA Multiple Entry Visa Available.
- > Attended **Airport Security Awareness Training and Industrial safety standard training.**
- > Completed **Industrial Automation, industrial sensors, PLC programming, and battery-operated vehicles** certification courses.
- > Participated in **drone racing competition** at Adoor college of engineering, Kerala (04/19)
- > Participated in **FEEL Employable learning and development intervention**, held from 28th march to 30th march 2019, organized by CLHRD at St Joseph Engineering College Mangalore.

Academic Credentials

- **Bachelor of Engineering in Electrical and Electronics** from (**Visvesvaraya technological university**) Karnataka India, in 2021
- **Diploma in Electrical and Electronics** from (**Nitte University**) Karnataka, India, in 2015
- **PUC** from (**Ramakrishna pre-university**) Collage, Karnataka, India, in 2012

Professional Preface & software Skills

- > Electrical Schematic Reading and Designing using (**AutoCAD Electrical or Solid Works Electrical**).
- > Control System Design Using (**Automation Studio**).
- > Troubleshooting of Hydro electrical and pneumatic circuits simulation using (**Automation Studio**).
- > Familiar with report documentation using (**Microsoft office 365**).
- > Electrical Circuit Simulation Using (**Ni Multisim or Etap Transient Analysis**)
- > Interfacing industrial sensors to circuit board programming through (**Arduino IDE and Python Script**).
- > An Effective communicator with excellent coordination and people management skills.

Personal Dossier

Date of Birth : January 13, 1993
Nationality : Indian
Linguistic Abilities : **English, Arabic, Kannada, Hindi, Malayalam, Urdu**

I hereby declare that the information mentioned above is true to the best of my knowledge.

(AHAMMED DARVEES)