

# Ahmed Darvees

Electrical & Electronics Engineer

Accomplished Electrical Engineer with 3+ years of experience in automotive, industrial control systems, and Battery-operated electrical vehicles. Skilled in installation and testing of hydroelectrical troubleshooting, and pneumatic troubleshooting. familiar with the latest innovations in industrial electronics and engineering projects involving the development of switch-mode electronic drives used in hybrid vehicles. Well-versed in engineering electrical schematic reading and troubleshooting. ready to build a company reputation with innovative applications and design standards.



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## EDUCATION

### Bachelor of Engineering in Electrical & Electronics

Visvesvaraya Technological University.

04/2017 - 05/2021, at (St Joseph Engineering College) Mangalore, Karnataka (all Certifications are UAE Attested)

### Diploma in Electrical & Electronics

Department of Technical Education Board

04/2013 - 06/2015, (Graduated with 1<sup>st</sup> class) Nitte, Karnataka, India

## PROFESSIONAL SKILLS

- Electrical Schematic Reading.
- Control System Design Using Automation Studio.
- Troubleshooting of Hydro electrical circuits, and pneumatic circuits.
- Maintenances of battery-operated vehicles, and hybrid vehicles.
- Maintenances of Electrical generator, Industrial Motor.
- Familiar with Microsoft office 365.
- Arduino Programming and Circuit Simulation.

## WORK EXPERIENCE

### Maintenance Technician at Dubai Central Airport (Emirates Group)

10/2021 – present,

#### Achievements/Tasks

- Reports the condition of the asset during the execution of preventive maintenance activities and highlights repetitive faults to help plan and schedule any corrective maintenance requirement.
- Ensures electrically operated equipment is provided with charged batteries.
- Performs daily inspection of all equipment, vehicles, plant & machinery for operational reliability & safety and reports findings to the master technician.
- 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.
- Identifies the need for spare parts and tools needed to ensure safe & timely completion of all maintenance tasks and inform relevant stakeholders on requirements.

### 2) Testing Engineer at Western Communication

07/2015 - 03/2017, Mangalore, India

An Indian company that deals with ship maintenance, communication, and navigational equipment sales and Service.

#### Achievements/Tasks

- 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 test, conduct loop test, etc.
- Troubleshooting any abnormalities during operations and rectifying them when necessary.

## ACADEMIC PROJECT DETAILS

### **AUTOMATIC FAULT DETECTION AND LOCATION IN POWER TRANSMISSION LINES USING GPS TECHNOLOGY**

Designing and implementing an Arduino-based automatic transmission line fault finding system, to check to verify the transmission line's various parameter losses, reduce the duration of outages as well as power blackout and minimizes response time to major faults, and optimize the reliability of supply, it is inevitable for power transmission companies to search for a low-cost communication with low power consumption that will relay accurate fault information at real-time back to the control center.

Period: 1-year    Team size: 4    Role: Overall Involvement

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## INTERNSHIP

### **At NMPT (New Mangalore Port Trust) in July 2019**

Study on 33KV MUSS, 4MW Solar Power Plant, VTMS- Vessel Traffic Management system. A 33KV master unit substation of an entire port was the distribution of the electrical power to the port including the administration office and colony takes place. This substation is of the indoor type where a 33KV incoming line comes from the Baikampady substation (MESCOM) through an underground cable. This MUSS is equipped with two 3MVA, 33/11KV 3 phase 3 wire, and star/delta connected transformers. Output from the transformer is given to an 11KV double bus bar with socialization & bus coupler. Also, the substation is having two 1000KVA, 11KV Diesel generator (DG) sets. 11KV further stepped down to 0.4KV using two 500KVA, 11/0.4KV, 3 phase 4 wire star connected transformers.

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## DECLARATION

I Hereby declare that all the information provided by me in this application is factual and correct to the best of my knowledge and belief.

PLACE: - Dubai, UAE  
DATE: -08/11/2022

## CERTIFICATE

- Attended Airport Security Awareness Training.
- Completed Workshop Safety, and Environment training.
- Completed Industrial Automation, and battery-operated vehicles online courses.
- completed a certification course in industrial sensors and PLC programming.
- Participated in Electronics troubleshooting at Adoor college of engineering, Kerala (04/19).
- Participated in FEEL Employable learning and development intervention, held from (28- 30 march 2019), organized by CLHRD at St Joseph Engineering College Mangalore.
- Actively participating in LinkedIn certification courses related to industrial automation Subjects.

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## LANGUAGES

- ENGLISH: - speak/read/write
- HINDI: - speak/read/write
- MALYALAM: - speak/read/write

## PERSONAL DETAILS

DOB: 13<sup>th</sup> January 1993  
Gender: Male  
Nationality: INDIA  
Marital Status: Unmarried  
Visa Status: Transferable

**(A valid UAE Driving license is Available)**

**AHAMMED DARVEES**