

Aditya Nehra

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Address: Sec-4, H-204, Uit, Bhiwadi
Alwar-301019, Rajasthan

Subject:

Applying for the post of Testing & Validation Engineer with 3.9 years of experience in Automotive embedded validation

Career Objective

- I wish to work with an organization that would provide me a wide spectrum of experienced exposure to grow and excel in my career. I'm aspiring for a job profile that would give me many opportunities to diversify and enrich my skills and talent in challenging and performance driven work environment. Ability to exceed organizational performance with adopt of problem-solving skills.

Professional Synopsis:

E-Fill Electric Vehicles Pvt Ltd

Testing And Validation engineer – R & D

October 2022 – Present

E-fill focuses on holding the whole ecosystem for Electric vehicles together. It develops electric vehicle charging infrastructure. It manufactures electric three & four-wheeler vehicles

PMI Electro Mobility Solution Pvt Ltd

Testing and Validation Engineer

August 2019- September 2022

PMI Electro Mobility Solutions Limited is manufacturer of Electric and CNG Buses

PMI is an OEM and manufacturer of zero emission vehicles having a technical tie up with FOTON MOTORS, China which is one of the largest commercial vehicle manufacturers in world having sold more than 7 million commercial vehicles so far

Key Responsibilities:

- Testing and Validation** of two wheeler, Three Wheeler & Four Wheeler power Train .
- HIL Testing**, DTC Logging & Reporting , Advance UDS Testing, **CAPL Creation**, Can Diagnostics etc..
- Responsible for **Homologation** of Motor, Controller & Battery.
- Component level DVP plan** & Testing Planning Requirements.
- New Product Development & Automotive embedded testing.**
- Preparation of failure reports & coordinating with concerned team for rectification
- Troubleshooting of Electric bus which deals with Pneumatics, cooling system, High voltage failure, low voltage Failure
- Responsible for various test related to safety, dynamic, Static, EMC/EMI etc.
- Leads root cause analysis utilizing and promoting systemic problem-solving techniques...
- Installing of speed limit, removing Bms error, MCU, Integrated controller error, transmission error, ABS error with the help of software...

Project:

- Resolved various problem of electric components through CanDebugging Tools.
- Homologation of motors From 1Kw – 102 kw from I-CAT.
- Battery AIS-156 Phase 1 component level certification
- Charger development of 3.3 kw & ARAI Certification
- Emc /Emi of Three-Wheeler Components (L3 & L5 Category).

Technical Skills:

- CORE TOOLS** Insulation meter, Multimeter, Advanced UDS , Vector can, P-can, oscilloscope...
- DATA ANALYSIS** -Control chart, Excel etc.
- PROBLEM SOLVING** -5 Why, Cause and effect diagram & Pareto chart, Multiple Debugging Tool...
- SOFTWARES** -MS Office (All) etc., , Can Tools, Motor, Transmission & ABS Software
- PRECISION INSTRUMENTS** - Vernier Caliper, Micrometer, Bevel Protector, Height gauges, Belt Tension Meter

Industrial Training:

- Internship at “**Castex**” India limited in 2017 On Electric Substations
- Internship at “**Takenaka**” corporation in 2018 On Electric Panel Operations
- Six Months Training on electric bus By **Foton Group** from China
- Three Months Training on **CAN Protocol** By “**E- Fill**” Group

Academic Qualification:

- **2015- 2019:** B.Tech in Electrical and Electronics Engineering from Amity University Haryana - **Grade:** 75.5%
- **2015:** UCSKM public school, Bhiwadi, Rajasthan India– 12th Standard (C.B.S.E) - **Grade:** 84.4%
- **2013:** UCSKM public, school, Bhiwadi, Rajasthan, India – 10th Standard (C.B.S.E) - **Grade:** 80%

Achievements:

- Awarded as the most innovative employee of the year 2021 on engineers’ day
- Awarded with the cleanest work station category in 2021
- Awarded in CBSE Football District Tournament
- Involved in various cultural activities held at School and College level.
- Participated in Amity Half Marathon for consecutive 3 years.

Strength and Skills:

- Positive Attitude and Thinking.
- Hardworking and Punctual.
- Good Knowledge about BSVI & Electric vehicle.
- Good communication skill and Leadership Quality

Personal Details

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| • Fathers Name | Dharmendra Nehra |
| • Date Of Birth | 11.10.1997 |
| • Marital Status | Unmarried |
| • Languages Known | Hindi & English |
| • Nationality | Indian |
| • Hobbies | Listening music, Football |

Declaration:

I hereby declare that all the statements made in this resume are true, complete and correct according to my knowledge.

Place:-

Date:-

(Aditya Nehra)