



# LOYAL INFIELD EV PVT. LTD.

Address: Plot no. 1648, HSIIDC, GT Road, Rai, Sonipat, Haryana-131029

Email : [info@loyalinfield.com](mailto:info@loyalinfield.com), Website : [www.loyalinfield.com](http://www.loyalinfield.com)

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**Job Code : 2408**

**Company Name :** Loyal Infield EV Pvt. Ltd.

**Company Description :**

Electric Motorcycles Manufacturer.

**Nature of Location :**

Mini manufacturing & Research Centre In Electric Vehicles, Motorcycles and Automobiles.

**Designation :** Design Engineer- Vehicle Integration

**Department :** Research & development

**Division :** Embedded Systems & IOT devices.

**Role & Responsibilities :** Design & development of from concept EV level.

**Experience Required :** 0-6 months

**Location :** Sonipat, Haryana

**Qualification –** B.Tech/M.Tech.(ECE, Electrical Engineering, Mechatronics)

**Skills Required:**

1. He/She must be aware of EV industry, Embedded Systems and IOT Devices.
2. Prior Industry/Project experience may be an advantage but not mandatory.
3. Previous knowledge or hands on experience on Matlab, Python, Autocad Electrical, VS Code, Jupyter, Git hub, Easy EDA, PCB design is a plus point.
4. Wiring Harness and routing
5. Must be creative and possess leadership skills with technical knowledge.



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## Job Description & Responsibilities:

As Design Engineer-ECE & Vehicle Integration, you will be responsible for:

- Designing and developing TFT/LCD displays optimized for HMI screens, ensuring clarity and functionality under varying light conditions.
- PCB design, Graphics development, feature generation and Programming, Vehicle integration and functionality QC.
- Integrating touch screen capabilities based on project requirements, enhancing user interface and accessibility.
- Implementing wireless connectivity solutions including Bluetooth and GPS, enabling seamless integration with mobile devices and navigation systems.
- Integrating CAN 2.0/5.0 protocols for vehicle network communication, ensuring robust data exchange between the instrument cluster and other vehicle systems.
- Ensuring durability and reliability with IP65/IP67/IP69 ratings, safeguarding against dust, water, and harsh environmental conditions.
- Implementing UART communication with Battery Management Systems (BMS) to monitor and manage battery performance effectively.

## Company Overview:

Join our innovative team at Loyal Infield EV Pvt. Ltd. in electric motorcycle technology. We specialize in manufacturing cutting-edge vehicles that redefine urban mobility with a strong emphasis on sustainability and performance. As we expand our portfolio, we are seeking for talented Electronics & Communications Engineers/IOT experts to spearhead the development of advanced devices for our electric motorcycles.

**\*Digital footprints of company are under modification and shall be available on internet in next 30 days.**