

yatri motorcycles

We are looking for a high-performing Electrical and Electronics Engineer to join our team. If you have a proven track-record in the product development and strong academic qualifications, it could be you flourishing in our team culture of empowerment, personal development and fresh thinking.

Your involvement would be required during different project phases, such as the electrical architecture design, systems design, integration, validation, system optimization and preparation for serial production.

Job Description:

- Defining the entire vehicle architecture and the communication interfaces and protocols between control units, batteries and connection schematics.
- Involvement in the mechanical design of the products and the opportunity to work with Mechanical Engineers during the development process regarding the positioning, electrical routing and thermal analysis of power components.
- The candidate should have a basic understanding of mechanics, electric systems and control algorithms, and have the ability to apply them in the automotive environment.
- Development of wiring between different control units of the whole vehicle and inside of different subsystems, such as the battery packs, power distribution units, inverters, etc.
- Providing support to production and assembly during the production of prototypes.
- Defining Bill of Materials (BOM) documents, writing technical and integration documents and test reports.

Requirements:

- Experience with Altium Designer (or similar) and Inventor.
- The candidate should have basic experience in designing simple electronic circuits that involve digital and analog electronics.
- The candidate should have a basic experience with wiring harnesses.
- Basic knowledge of motor control principles is desired.
- The candidate should have experience with motor testing.
- Must have bachelor/master degree.
- Excellent knowledge of English (written and spoken)

Considered as an advantage:

- Participated in a Design competition as a student.
- Automotive enthusiast.
- Understanding of motorcycle electronics and other relevant components.
- At least 2 years of professional experience.

Send your resume and cover letter to careers@yatrimotorcycles.com and mention 'Application - Job Title' in the subject line.