

# yatri motorcycles

We are looking for a high-performing Loads Engineer to join our team. If you have what it takes besides strong academic qualifications, it could be you flourishing in our team culture of empowerment, personal development and fresh thinking.

This position will have an exciting opportunity to work within the mechanical department where you will support load calculations in various load cases as lead loads engineer. It requires good understanding of mechanical engineering and closely work with other departments. Besides, you should have a passion to engineer the best electric motorcycle in the world. We are constantly looking to innovate and adopt new technologies, so you should be able to embrace constant learning.

## Responsibilities:

- Compute all the internal and external loads acting on the system considering the whole functional flow diagram and use case scenarios on all component levels.
- Develop and organize load models and load analysis for product development and certification.
- Develop, integrate and maintain a central loads platform for all engineering departments.
- Support the structural analysis and validation tests for analyses and development/certification of target load levels.

## Requirements:

- M.Sc./B.Sc. in Mechanical Engineering/Aerospace Engineering/Structural Engineering or a related field of study.
- 2+ years experience in a similar position.
- Excellent knowledge of the state of the art loads derivation for all class of physical loads and their mapping throughout different departments.
- Outstanding knowledge of FEA and analysis tools e.g. NASTRAN
- Outstanding data management skills.
- Strong motivation to help build working frameworks and processes.
- High level of self reliance and goal-oriented work style.
- Critical thinking and analytic problem solving skills.
- Excellent knowledge of English.