

Pune (Hinjawadi)

## Senior Engineer - Door System Simulation

As a successful family-owned company on a path to global growth, the Brose Group offers challenging responsibilities and exciting career opportunities to performance-driven, skilled specialists with solid professional knowledge and proven career expertise who wish to contribute to our company's success.

### Your Job Specification

- Start-to-end responsibility for door system and window regulator simulations as per Brose Standards for evaluation of strength and durability: including input collection, setting up problem, trouble shooting and report preparation
- Perform self-review of his/her work in line to the quality checklist. Also schedule peer review and project review meetings with supervisor on regular basis
- Responsible for provide time estimation and schedule dates to supervisor for own tasks and combined/distributed tasks. Responsible for technical interpretation of results for his own projects/tasks
- Actively participate in idea generation, new method build-ups, and provide suggestions to the supervisor with reference to CAE methods, solution optimization, trouble-shooting etc.
- Responsible to conduct regular update meetings with the supervisor, counterpart as directed by supervisor. Responsible for conducting project update meetings with supervisor, counterparts, project team, test engineers to discuss results, suggest modifications and discuss feasibility of implementation
- Apart from FEA tasks, responsible for model checking and geometry clean-up for bad geometries or get help from design team to get the model ready to be meshed
- Responsible to train juniors in the when directed by supervisor. Assist the supervisor in terms of maintaining and updating CAE calculation standard database for trainings to juniors
- Responsible for providing project updates including schedule, duration, effort estimates, delays, vacations, out of office back up arrangements etc. to the supervisor. Communication of escalation of delays a priori rather than when asked by supervisor
- Responsible for data keeping, data management, completed project archivation, documentation of best practices – with regular frequency
- Support supervisor in cases where stretched efforts are required as per business needs

### Your Profile

- ME / M.Tech or BE / B.Tech Mechanical or equivalent
- Experience of 3 to 6 yrs.
- In-depth expertise on ANSYS Workbench software including Design modeler / Ansys Space Claim, solving and post processing of results
- Strong skills in Structural non-linear analysis, which includes all type of non-linearity

Brose is the world's fourth-largest family-owned automotive supplier. Our mechatronic systems for doors, seats or electric motors and drives can be found in every second new vehicle around the world today. Around 80 automobile manufacturers, over 40 suppliers and 50 e-bike manufacturers rely on our efficiency and performance. About 25,000 employees work for Brose at 65 locations in 24 countries and generated 6.2 billion euros turnover in 2019.

Brose CZ spol. s r.o.  
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- Able to solve convergence problems independently
- Should have knowledge on APDL scripts / macros, Python programming skills etc.

Brose offers a modern working environment and a wide range of benefits. Our employees are benefited with attractive social and family-oriented programs. Flexible working hours and a collaborative work environment give our employees the freedom to balance work and personal life. Brose believes in investing in people. We offer a wide range of development programs with great opportunity for individual growth through training and diversity of experience. Our objective is to provide our employees the tools necessary to live a balanced life, experience a rewarding work environment and contribute to our surrounding communities.