



Job Title: Senior Design Engineers
Salary: Competitive based on experience
Hours: Full time
Role Type: Permanent

Start Date: Immediately vacant.
Location: Silverstone / Hybrid
Reports to: Technical Team

The Revival of a Legend:

Lola Cars, one of the world's iconic motorsport brands, and the most successful manufacturer of customer racing cars of all time. Since 1958, we have been building cars destined to win on the track. Lola Cars has cultivated a brand synonymous with engineering excellence, iconic design, and racing success. Under new ownership, Lola is committed to pushing innovation in engineering and as part of this commitment, Lola intends to release the IP back into the ecosystems and develop products that have far reaching impacts beyond motorsports.

The Opportunity:

A fabulous opportunity for an experienced, Senior Design Engineer to join the small yet growing, dedicated and talented team at Lola as we embark on the next phase of the adventure. The role of the Senior design Engineer will primarily create engineering CAD schemes, detail component designs and drawings following the Lola design and engineering guidelines. Flexibility to work across more than one project as required, Senior Designers will work with Design Team Leaders and Technical Project Leaders to define and maintain the Project Technical Specification and project plan.

Role Responsibilities:

- Creation of engineering CAD schemes
- Detailed component designs and drawings
- Flexible to work across more than one project as required.
- Ensures all design output is of a high standard and meets Lola requirements, standards and guidelines
- Contributes to project technical specifications, project plan and budget in collaboration with Design Team Leaders and Technical Project Leaders
- Contributes regular updates to the Project Mass Tracker and inputs to the Project Report.
- Assists with managing technical activities carried out by external suppliers for design, development and production – ensuring technical, quality and budgetary requirements are met.
- Supports with technical management - defining and selecting internal and external resource requirements.
- Works with the Technical Specialists to optimise designs within technical, timing and budget constraints.
- Contributes to Design Review Meetings, attends regular Project Review Meetings to develop designs in line with the project requirements.
- Contributes to:
 - The FMEA process,
 - Project Faults and Project Technical Operating documentation,
 - Build Manual, Torque List, Operating Limits, Component Maintenance and Lifting Schedule.
 - Proposals for Rig and Track test activities.
- Provides design and technical information as required by the relevant Governing Bodies.

- Ensures all design and technical documentation is saved in a disciplined, well organised manner and that the relevant Lola team members have access to the information they require.

Technical Skills required:

- 5 years minimum experience in mechanical engineering, ideally in a motorsport design office or a comparable environment working with high performance parts
- Strong CAD knowledge and experience (Catia preferable) (3D and 2D proficiency):
- Part design, assembly design, proprietary component specification and stress analysis
- Experience of FEM calculations
- Knowledge of PLM System (Dassault 3d Experience Preferable)
- Proficient PC skills

Skills required:

- Self-motivated to develop, drive and deliver the Senior Designer remit
- Ability to work both independently and as a team player.
- Communicates and demonstrates progress towards the end-goal.
- Confidence and knowledge to raise issues and develop solutions.
- Relatively comfortable operating in a fluid, changing environment.
- Strong attention to and enjoys the detail in all areas
- Methodical and measured in approach.
- Builds rapport with team members.
- Initiative, to find ways to achieve/deliver what is required.

Qualifications & Experience required:

- Degree Level or commensurate work experience
- Mechanical, Automotive or Aeronautical engineering degree desirable but not essential
- Project Management experience desirable but not essential
- An interest in and understanding of engineering/motorsport.

The Successful Candidate might be:

- An existing Senior Design Engineer in a motorsport/ automotive company
- A Design Engineer who has acquired the appropriate experience, skills & knowledge.
- An experienced engineer with the relevant skills and knowledge

Role Location & Hours:

The role will be based at the Silverstone, Lola Facility with the potential for some flexibility for remote working. 40 hrs a week, normal working days Monday to Friday, 8 hours a day.

Interested in the role?

- Please send your CV accompanied by a short email to careers@lola-cars.co.uk explaining:
 - why you are suitable for the role,
 - salary expectations
 - availability to start.

Closing Date: 1st November 2024 - We look forward to hearing from you.