

Position Description – Senior Mechanical Engineer

SJL Consulting Engineers is a rapidly growing, innovative, engineering consultancy firm specialising in a range of engineering design services, drafting, architecture and project management.

If you:

- See through problems to identify opportunities
- Take initiative
- Carry a positive 'can do' approach to your work
- Enjoy working both independently & collaboratively

We would love to hear from you.

We are an Australian based engineering consultancy firm offering a range of engineering design services, drafting, architecture and project management. Our expertise extends across both public & private sectors, with previous experience in residential, commercial, industrial, agriculture, mining, roads, rail & education projects.

We are looking to further grow our team by adding a Senior Mechanical Engineer to our team. The person should be interested in long-term employment, be keen to learn, & have the ambition to develop themselves further as the company grows. The work offers broad exposure to civil, structural & mechanical engineering designs and project management services across an array of industries.

Position & Duties

Your primary responsibilities and duties of this position are set out below.

- Undertake mechanical engineering design and analysis
- Oversee the completion of mechanical engineering design projects and post completion reporting
- Develop projects in a number of sectors
- Research design options and requirements
- Develop innovative and efficient and/or automated design processes
- Contribute to the ongoing development of company engineering systems
- Uphold company quality & safety standards

Qualifications:

- Bachelor of Engineering (Mechanical) or higher

Required Skills:

- 10+ years experience as a mechanical engineer/designer
- Understanding of Australian Standards
- Must have extensive experience modeling complex structural and mechanical equipment using Inventor
- Must have extensive experience undertaking FEA using NASTRAN
- Must have extensive experience with modeling equipment and structures within a point cloud survey model
- Experience in hydraulic design and fluid dynamics
- Ability to manage multiple projects
- Ability to lead and mentor other engineers and draftsmen
- Excellent written & verbal communication skills
- Advanced skill in the use of Microsoft Office applications, in particular Excel
- Ability to work both independently & collaboratively
- Excellent attention to detail
- If you have skills using any other software packages for structural engineering design and detailing it would be looked upon favorably

Employment & Remuneration:

- This is a remote / work from home role
- A competitive salary will be negotiated with the successful candidate based on experience and qualifications

To apply please email:

A full history of your work experience, qualifications and a detailed cover letter addressing the role requirements to:
info@sjlconsulting.com.au