

Are you the one?

We are looking for a Senior Engineer
(Mechanical and Aerospace)

Salary: £45,000 – £53,000, with benefits

Job Description:

A skilled, multi-disciplined Senior Engineer, able to manage multiple stakeholders in an international environment, to deliver complex engineering projects from inception to commissioning.

Apply now enquiries@aeon-eng.com



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Requirements and Responsibilities:

- Applied knowledge across mechanical engineering, materials science and manufacturing engineering.
- Demonstrated experience of using analytical skills to derive potential solutions to engineering problems and using engineering judgement to appraise these options before recommending the most suitable option.
- Experience of being the engineering 'authority' - Willingness and ability to lead the delivery of complex and multidiscipline-requiring projects.
- Thorough understanding of engineering and management processes - knowledge/experience of Systems Engineering (INCOSE) practices is advantageous
- Experience in both authoring, checking and issuing technical documentation such as component drawings, general assemblies, design and analysis reports, installation and commissioning procedures, test plans, engineering and manufacturing management plans.
- Working to BS ISO 8888 – Geometric Dimensioning and Tolerancing.
- Working in and contributing to, an ISO 9001 environment.
- Experience using CAD software – Siemens NX preferred.
- Experience using Finite Element Analysis (at component and assembly levels) – NASTRAN preferred; ability to interpret and make use of analytical results to promote engineering decision making.
- Thorough understanding of diverse manufacturing processes (metals, ceramics, composites and polymers).
- Knowledge of NASA, JAXA, ECSS Product Assurance and Safety practices is advantageous.
- Strong knowledge of writing technical requirement specifications – including the planning and management of verification and compliance.
- Experience in performing Integrated Logistic Support (ILS) and Reliability, Availability, Maintainability, and Safety (RAMS) Analysis.
- Excellent, demonstrated Project Management skills including preparing and maintaining with MS Project schedules, managing risk, preparing and monitoring project budgets.
- Ability to develop and agree scopes of work, managing internal and external supply chains.
- Excellent written skills with an advanced proficiency in MS Word and MS Excel.
- Excellent presentation and communication skills; experience in presenting to a varied audience, delivering information in an appropriate tone and format.
- Demonstrated experience of reporting to clients, management (immediate and Board level) Experienced in full project support.
- Capable of managing a small team of graduate design engineers, is a champion of precision and quality, providing feedback to peers for learning. Experience of line management an advantage.
- Sourcing and contributing to relevant industry events, happy to grow networks and can demonstrate how this has been achieved previously.
- Committed to ongoing professional development and staying abreast of industry developments and changes in standards; happy to perform research in order to continue providing world-leading engineering support to technologically ground-breaking projects.

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Person Specification:

- Positive 'can do' attitude, feels at home in innovating environments, where there is no precedent.
- Confident in their own knowledge to challenge the norm and put forward new ideas.
- Commitment, investment and passion with a strong desire to succeed for yourself, and the client.
- Strong team ethics; happy to help others, mentor/lead where appropriate.
- Can think independently, not happy to sit back or coast, always striving for development (personal or project based). Identifies problems in conjunction with presenting solutions.
- Established network of peers and customers who can attest to the competence and skill of the individual in standards; happy to perform research in order to continue providing world-leading engineering support to technologically ground-breaking projects.

Qualifications:

- BEng, MEng., MSc in Engineering; Mechanical or Aerospace preferred (or equivalent experience)
- Appropriate professional accreditation/chartership achieved (IMECHE, INCOSE)
- Must provide examples of self-learning/development.
- Commercial references detailing relationship to be provided. They will be contacted prior to interview.

Other Information:

- Regular international travel required; visits can last several weeks.
- Based from offices in Staffordshire and Cheshire.

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