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Solutions Lead- Ground

About Bright Ascension

We are a fast growing, innovative company changing the way that software is developed in the space industry. With customers across the world, ranging from universities and space agencies, to commercial organisations and start-ups, our core technologies enable our customers to develop and operate space-based systems and services faster, cheaper and more reliably. Innovation is at the heart of what we do and it is our team which drives that innovation; this is reflected in our commitment to employee ownership, which gives all of us a voice, and a stake, in our current and future success. With offices in Dundee and Edinburgh we now have over 50 members of staff and plans to expand further over the next 12 months. We are at a very exciting time in our ambitious growth plans and have fantastic opportunities for talented individuals to join our team.

Job summary

We are looking for an experienced and motivated Solutions Lead to work directly with customers to define, develop, and deliver software solutions that drive business value. This role requires a technically skilled and customer-oriented leader who excels in managing teams, gathering requirements, and architecting tailored solutions, collaborating closely with customers, project managers, internal development teams, and stakeholders to ensure successful project execution and customer satisfaction.

We see this role as being full time, although this is negotiable. Ideally we would like this role to be based in either Dundee or Edinburgh, to allow for regular interaction with the teams responsible for Product Management, Business Development, Sales and Marketing.

As a member of the Services Engineering team your key responsibilities would be:

Customer Engagement & Solutions Definition

- Act as the primary technical advisor for customers, understanding their business needs and translating them into technical solutions
- Lead discovery sessions to gather and document functional and non-functional requirements
- Develop high-level solution architectures and ensure alignment with customer goals and best practices
- Present and communicate solutions effectively to both technical and non-technical stakeholders

Team Leadership & Project Execution

- Provide line management to a team of software engineers through supporting career development, annual reviews and regular 1:1's
- Lead and mentor software engineers in designing and implementing customer solutions
- Lead and mentor technical teams on best practices, coding standards, and architectural decisions
- Together with the respective project manager(s), ensure project timelines, budgets, and deliverables are met while maintaining high-quality standards
- Foster a culture of collaboration, continuous improvement, and knowledge sharing

Technical Oversight & Delivery

- Oversee and perform hands-on development and deployment of software solutions, ensuring alignment with customer expectations
- Provide hands-on technical leadership, including reviewing code, troubleshooting complex issues, and guiding solution implementation
- Work closely with DevOps, QA, and product teams to ensure seamless integration and deployment
- Ensure security, scalability, and performance considerations are addressed in all solutions

Essential skills and experience

We see experience with the following as essential to the job:

General

- Experience leading a team through the full-life cycle of software engineering from formal requirements, through architectural and detailed designs, structured development to unit, integration and system-level testing
- Ability to author customer-facing documents for all stages of the engineering life cycle
- Strong experience in software design, including the ability to communicate design decisions to both internal and external stakeholder at both high (architectural design) and low (detailed design) levels
- Proficiency working in a Linux environment including shell scripting
- Familiarity with DevOps practices, CI/CD pipelines, and containerization (Git, Gitlab, Docker)

Flight specific experience

- Strong programming skills in C with a focus on real-time and embedded systems
- Knowledge of satellite telemetry, telecommand (TT&C), and communication technologies and protocols (CCSDS, ECSS PUS, CAN, SpaceWire)

Ground specific experience

- Strong programming skills in Java with a focus on data-oriented enterprise systems
- Knowledge of satellite telemetry, telecommand (TT&C), and communication protocols (CCSDS, ECSS PUS)

Personal skills

We're especially looking for someone with:

- A customer-focused mindset with strong relationship-building skills
- Excellent communication skills, capable of engaging with both technical and business stakeholders
- Strong leadership abilities, with experience leading and mentoring technical teams
- A problem-solving mindset, able to navigate complex technical and business challenges
- Project management experience, with an ability to balance multiple customer engagements
- Adaptability, with the ability to thrive in a fast-paced, customer-driven environment
- The desire to make a strong contribution to the business, financially but also in terms of team culture and values. You enjoy making an impact and shaping how the business operates
- A curious mindset, with an interest in learning new skills and exploring new ways of working

Desirable skills and experience

We think that the following skills would definitely be valuable in this role:

- Experience in the provision of commercially facing Engineering Services, Consulting, or Customer Success roles
- Experience of using a scripting language such as Python
- Knowledge of satellite or space-based software solutions for Flight or Ground

What we can offer you

- A competitive salary in the range of £40-50k depending on experience, with regular reviews
- A fantastic opportunity to join a growing, innovative, employee-centred business pushing boundaries in the space industry
- Flexible hours and hybrid working, enabling you to create your ideal work life balance
- 36 days paid holiday per annum
- 6% employer pension contribution
- Enhanced Company Sick Pay and Long-Term Sickness cover
- Death in Service payment
- As a member of the Bright Ascension team, you would have a stake in the business through our Employee Benefit Trust which owns 13% of our business
- Enhanced maternity, paternity and adoption pay
- Opportunities for international travel for exhibitions and trade shows
- Investment in you and your skill development and the opportunity to attend relevant events and conferences to aid career / skill development
- Company events and regular activities for social engagement and team building
- An open, supportive, inclusive environment where you can explore your ideas and make a big difference to the product and business

To apply please send your CV along with a Cover Letter to careers@brightascension.com

All applicants should have the right to work in the UK.

Read more: **www.brightascension.com**