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Java Software Engineer (Ground Team)

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, Edinburgh and Bristol we now have over 40 members of staff and plans to expand to a team of around 60 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 a motivated and enthusiastic Java Developer to join our Ground Segment team, developing the next generation of spacecraft ground software and software tools. This exciting new role will contribute to ongoing ground software product development, taking responsibility for specific areas of functionality and being the driver of design and development in these areas.

Our Ground team is focused on the development of new and existing Bright Ascension ground software products. As part of the Ground team, you will be maintaining existing products, contributing to development of new products and getting involved in all stages of that process, including design and testing, as well as providing support on the ground products both internally and externally. The Ground team runs using Agile practices and works closely with other development teams in the company to create a cohesive suite of software products.

As a member of the Ground team, you would be:

- Developing and testing elements of our ground software.
- Designing elements of ground software functionality.
- Implementing bug fixes and providing support both internally and externally.
- Working as a team to produce high-quality, reliable software that conforms to best practices.

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 close working with the other members of the Ground team. This is a hybrid role with one day per week required in the Edinburgh office for team meetings and collaboration.

Essential skills and experience

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

- Strong Java experience and knowledge.
- Experience with development and debugging of high-quality code, and adherence to best coding practices.

- Experience in planning and executing all stages of software engineering, from design to documentation according to a specified development process.
- Experience with application development.

Personal skills

We're especially looking for someone who:

- Enjoys problem solving in a range of programming languages, with an interest in learning new languages and frameworks.
- Works well both independently and in a team, respecting the opinions of others as part of a fast-paced technical environment.
- Possess strong verbal and written communication skills, both for internal and external, customer facing, interactions.
- Is diligent, creative, and attentive to details.
- Wants 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 businesses operates.
- Is consistently curious, is interested in learning new skills and is open to new ideas and ways of working.

Desirable skills and experience

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

- Familiarity with DevOps concepts and CI/CD pipelines.
- Knowledge of, or exposure to, space systems in either a commercial or academic context.
- Experience operating as part of a collaborative Agile team.
- Experience of model-based and/or component-based software engineering.
- Experience in performing requirements analysis and elicitation based on formal and informal inputs.
- Use of version control such as Git or Mercurial.
- Experience in constraint solving/optimisation techniques.
- Experience with Apache Maven.
- Experience with/knowledge of performance testing.
- Understanding of database schemas and query languages.
- Experience with relational and non-relational databases.

What we can offer you

- A competitive salary in the range of £35k-£45k 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.
- Life Cover.
- 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**