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Java Software Engineer

We are looking for an experienced and motivated Java Software Engineer. Our Ground team is focused on the development of new Bright Ascension ground software products, as well as supporting the maintenance of legacy products. As part of the Ground team, you will primarily be contributing to the development of new products and getting involved in all stages of the software development lifecycle as part of that work. The Ground team uses agile processes and works closely with other development teams in the company to create a cohesive suite of software products.

We see this role as being full time, although this is negotiable. Ideally, we would like this role to be based in Edinburgh/Dundee, on a hybrid basis to allow for regular interaction with the wider business and colleagues in other departments but fully remote could be considered.

Why 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, more cost effectively and more reliably.

Innovation is at the heart of what we do, and it is our team that drives that innovation. We are committed to creating a culture where every individual has the opportunity to make an impact and help shape our future success. With offices in Dundee, Edinburgh and Bristol we now have more than 50 members of staff and plans to expand significantly 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.

Our Values

We worked together to identify and shape the values that underpin everything we do, our actions, our vision and all things Bright Ascension.

Passion and Innovation

Enjoy what you do and have fun. Be curious and be fearless. Unconventional ideas and passion are the paths to true innovation.

Teamwork and Collaboration

Sharing knowledge helps the team thrive. Start a dialogue and win through teamwork. Success comes through collaboration and support.

Respect and Integrity

Recognise differences and accept opinions. Integrity, respect and high standards create unbreakable trust and builds reputation.

What you will do

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

- Design, development, and testing elements of our ground software.
- Working with the team to produce high-quality, reliable software that conforms to best practices.
- Collaborating with other teams to ensure seamless integration of ground software products within the wider product suite.
- Implementing bug fixes, and providing support both internally, and externally.

Essential skills and experience

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

- Strong Java experience and knowledge, with a minimum of 2 years' experience in a professional environment
- 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.

Personal skills

We're especially looking for someone who has:

- 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 the business operates.
- Is consistently curious, interested in learning new skills, and 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:

- 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.
- Familiarity with DevOps concepts and CI/CD pipelines.
- Experience with Apache Maven.
- Understanding of database schemas and query languages.

What we can offer you

- A competitive salary in the range of £39k-£46k 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.
- A Health Cash Plan to cover costs such as dental, physio and optical.
- Life Assurance cover (x4 salary).
- 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 must be UK based and have the right to work in the UK.

We are working with trusted recruitment partners, no agency enquiries please.

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