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Java Software Engineer

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 an experienced and motivated Java Software Engineer to join our team. This exciting new role will contribute to our ground software product development, taking responsibility for specific areas of functionality within our product suite, and being the driver of design and development in those areas.

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 on a hybrid basis based in either Dundee or Edinburgh, to allow for regular interaction with the teams responsible for product management, business development, sales and marketing. However, we're happy to discuss working arrangements with the right candidate.

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 software development best 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:

- Enjoys problems 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

- Knowledge of, or exposure to, space systems in either a commercial or academic context.
- Experience of version control systems such as Git, or Mercurial
- Familiarity with DevOps concepts and CI/CD pipelines
- Knowledge of model-based and /or component-based software engineering
- Understanding of database schemas and query languages

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

- Death in Service payment
- Option to join our Share Incentive Plan after probation
- 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 products 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**