1 Laurel Bank
Dundee,
DD3 6JA, UK

brightascension.com

+44 (0) 1382 602041
enquiries@brightascension.com

@brightascension
@bright-ascension-ltd

Product Technical Lead

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 Product Technical Lead to drive the development of a new ground software product in the Bright Ascension 'Helix' product suite. As a key member of our team, the Product Technical Lead will be required to become an expert in the core technologies of the product suite. This role will involve working with colleagues to develop the conceptual design of the product and lead a small team to design, build and test it while also acting as an individual contributor. In doing this, they will work alongside colleagues in Product Management, Project Management and other engineering teams.

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 Product Engineering team your key responsibilities would be:

- Working with Product Managers, customers and other stakeholders to understand requirements and define the product roadmap.
- Software design, including technical specification, architectural design, detailed design and interface specification.
- Working with the chief architect and other engineering leads on cross-product concerns.
- Working with project managers to plan, estimate and track software development activities.
- Implement, test and debug software.
- Carry out required software verification and validation activities and produce associated documentation such as test plans and test reports.
- Manage and supervise the work of engineers on your team.
- Write customer-facing technical documentation such as user-manuals and tutorials.
- Contribute to process improvements within the company.
- Providing 3rd line technical support to customers.
- Supporting product deployments and integrations.
- Coach and develop junior engineers.

Essential skills and experience

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

- Strong java programming skills.
- Strong analytical and design skills.
- Development and debugging of quality code and adherence to best coding practices.
- Track record of working successfully on complex technical projects with a high degree of autonomy.
- Experience of working successfully with front-end developers and UX designers.
- Ability to work in a Linux environment using a range of standard development tools.
- Working with CI/CD tools.
- Use of automated testing.

Personal skills

We're especially looking for someone who:

- 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:

- Experience of successfully leading a team of developers.
- Experience of building a software product from inception through to delivery.
- Use of docker.
- Deployment & management of software in a cloud environment.
- Experience of satellite operations.
- Experience of satellite testing.
- Experience as a user of satellite data.
- Knowledge of, or exposure to, space systems in either a commercial or academic context.

What we can offer you

- A competitive salary up to £65k 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**