Argyle House,
3 Lady Lawson Street,
Edinburgh, EH3 9DR

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

brightascension.com
@bright-ascension-ltd

Senior Full-stack Engineer

We are looking for an experienced and motivated Senior Full-stack Engineer. This will be a key role in leading a full-stack engineering team responsible for delivering and enhancing key HELIX GenOne applications, including Infinity and Analytics. Acting as the Technical Product Owner, you will drive product development, provide technical leadership, solve complex challenges, and support the growth and development of your team while ensuring solutions align with business objectives.

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.

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 Software Engineering team your key responsibilities would be:

Technical Leadership

- Apply engineering skills to collaboratively produce the varied designs and solutions needed to meet a wide variety of full stack technical challenges
- Effectively communicate designs and solutions to others
- Work with their team to build a strong culture of quality and drive up technical standards. This includes diligent code reviews and a solid understanding of effective full stack software testing

Product Ownership

- Take pride in the products they develop and champion their capabilities in conversations with internal and external customers
- Engage with customers and stakeholders to understand the various requirements on their products. They will use that understanding to develop product roadmaps alongside commercial team members
- Combine their understanding of customers' needs with creative and innovative approaches to generate new ideas and features
- As the Infinity and Analytics product owner, this role will help set the standard by which GenOne Application development processes are judged across our business

Technical Management

- Take an active role in team management processes to help plan work, control development risks and shape the delivery of features
- Help the team develop self-management skills by maintaining a focus on risk management, simple and effective implementations, and a resistance to overengineering
- Provide technical solutions to management difficulties through the effective use of CI pipelines and excellent end-to-end documentation of user needs, development tasks and product releases

Team Leadership

- Provide line management and team leadership to the engineers on their team by supporting career development, holding regular 1:1 meetings and conducting annual reviews
- Lead by example, demonstrating excellent development practices, while encouraging a constructive dialogue in all technical decisions
- Foster a culture of collaboration, continuous improvement and knowledge sharing within the team, and between the team and others

- Help maintain a focus on realistic planning and continuous delivery among team members

Essential skills and experience

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

- A senior software engineer with practical experience working with complex software frameworks
- A solid understanding of architectural and design principals
- Senior level experience of software engineering in various languages and technology stacks, primarily in Java and Typescript.
- Experience with the React framework.
- Experience working with data-intensive systems.
- Experience with data analytics and data visualisation.

Personal skills

We're especially looking for someone who has:

- Self-motivated senior engineer comfortable with proposing and taking ownership of the lifecycle of key products
- Excellent leadership skills to motivate, mentor and effectively lead a team of backend and frontend engineers
- Passion to be the champion for their products

Desirable skills and experience

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

- Experience with all aspects of the SDLC, including project management, estimation, CI/CD pipelines, source code control

What we can offer you

- A competitive salary in the range of £50k-£60k 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**