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DevOps & IT 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 30 members of staff and plans to expend to a team of around 50 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 DevOps & IT Engineer with experience working within a DevOps culture who can collaborate with groups within the organisation around a shared goal: to deliver software faster and more reliably to customers and end users.

Your duties will include:

- Working closely with our engineering teams to understand their product requirements and how they build/test/deploy their software in order to continuously improve the quality of and accelerate the pace of development;
- Automating the maintenance, configuration, and operation of software applications, network devices and servers, and cloud infrastructure;
- Performing backup operations and implementing appropriate processes for data protection, disaster recovery, and failover procedures;
- Diagnosing and resolving hardware, software, networking, and system issues when they arise;
- Monitoring system performance to ensure everything runs smoothly and securely and reporting on relevant metrics;
- Liasing with external service providers and vendors;
- Performing cost/benefit analysis when selecting equipment/services;
- Documenting processes and environments;
- While this is *not* a helpdesk role, being a small company, there will be times where assisting users with day-to-day use of the systems will fall to you.

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.

Essential skills and experience

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

- Broad knowledge base of network configuration, virtualization, security, firewall configuration, databases, backup strategy
- Distributed version control systems (git, mercurial, etc)
- Continuous Integration (Jenkins, Gitlab CI etc)
- Patch management
- Scripting languages (e.g. Python, shell scripting)

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 as part of a fast-paced technical environment;
- is diligent, creative, and attentive to details;
- possesses strong verbal and written communication skills;
- 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; and
- 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.

Please bear in mind that this is a wish list, and we certainly don't expect candidates to have experience with everything listed here.

We know that experience with particular systems/tools/languages is transferable, and we are looking for someone with a broad range of experience that can analyse requirements and select the most suitable tool for a particular job, can adapt to change, and is self-motivated to direct their own learning and development.

- Infrastructure as Code, using tools such as Cloud-Config, Pulumi, Terraform.
- Configuration Management with e.g Chef, Puppet, Ansible, Salt.
- Setup and configuration of artifact repositories and Package Management , e.g Artifactory, Nexus, Maven, Docker registries, PyPI repositories etc.
- Experience integrating build tools, static analysis, test enviroments, and CI servers.
- Network management including VLAN management and Network Access Control (802.1x).
- VPN configuration, including e.g OpenVPN, IPSec, Wiregurad.

- Identity Management in a heterogeneous network environment, LDAP, Active Directory, Kerberos.
- Multi-factor authentication.
- Network monitoring and reporting tools, such as syslog, graylog, InfluxDB, Grafana.
- Penetration testing experience.
- Familiarity with the Cyber Essentials Plus scheme.
- Experience with managing the configuration and security of end user devices in a heterogeneious environment (Linux, Windows, and mobile devices).

What we can offer you

- A competitive salary in the range of £30k-£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 working based around core hours and options to work remotely or from one of our offices, enabling you to create your ideal work life balance.
- 36 days paid holiday per annum.
- 6% employer pension contribution.
- Company Sick Pay and Long-Term Sickness cover.
- Life Insurance.
- As a member of the Bright Ascension team you would have a stake in the business through our Employee Benefit Trust which owns 16% of our business.
- Opportunities for international travel (post-COVID) 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**