



Job Description

Position:	Lead DevOps Engineer
Directly reports to:	Software Team Lead
Reports (dotted-line) to:	Project Manager
Direct reports:	None
Regularly interacts with:	<p>Internal</p> <ul style="list-style-type: none"> • Software Team Lead • Software Team Members • Project Manager • Lead Technical Architect <p>External</p> <ul style="list-style-type: none"> • Contractors • Software consultancies
Primary location:	Cambridge, CB4 0DP
Travel requirements:	Occasional travel to customer sites for installation and training purposes.
Role description / primary responsibilities:	<ul style="list-style-type: none"> • Lead the DevOps activities to identify, plan and implement automation in build/deploy and environment management activities. • Deploy, maintain and test sensitive customer systems. • Mitigate day-to-day operational availability issues. • Work alongside team to develop product's operational capabilities. • Work alongside team to develop and maintain internal continuous delivery system. • Maintain and develop the tooling to support testing and development environments and workflows • Proactively participate in Cyan's agile process. • Undertake hands-on software development in Python. • Occasional out of hours support will be required.
Experience and skills required:	<p>Essential Skills and Experience</p> <ul style="list-style-type: none"> • Track record of deploying and operating enterprise systems with at least 5 years DevOps experience. • Team leading and project management skills • Experience with DevOps orchestration and CI/CD tools • Knowledge of container technologies (Docker, AWS ECS, rkt)

	<ul style="list-style-type: none"> • Good understanding of version control systems Git • Extensive experience with Linux. • Project management and team leading skills • Track record of writing and maintaining automation systems in Python/Ansible and bash. • Ability to lead projects and manage customers • Excellent communicator. <p>Desirable Skills and Experience</p> <ul style="list-style-type: none"> • Deployed and operated high-availability systems. • Versed in AWS cloud (EC2, S3, VPC, CloudFormation). • Experience with packaging and deploying applications using docker and virtualisation technologies. • Knowledgeable about common internet protocols, standards, architectures and patterns. • Experience with PostgreSQL RDMBS. • Used Django to create administration portals.
Personal attributes:	<ul style="list-style-type: none"> • Highly motivated self-starter. • Excellent communication, collaboration and organisational skills. • Strong long-term commitment to making the company a success. • Able to identify risks and estimate work. • Able to time-box development and spikes, effectively trading off time, quality and scope.
Working environment:	<ul style="list-style-type: none"> • Open plan air-conditioned office environment, with access to private meeting rooms. • Willing and able to work normal office hours (9am to 5:30pm) to facilitate timely inter-team communication. • On-call for operational issues outside normal office hours.
Qualifications:	<ul style="list-style-type: none"> • Required: Good degree in technical subject (computer science, engineering or natural sciences).
Benefits:	<ul style="list-style-type: none"> • Share options • 25 days annual leave • Private health insurance plan (currently BUPA) • Pension scheme with employer contributions • Life cover (3x salary)
Date document compiled:	01 September 2017