



## Job Description

<b>Position:</b>	Principal DevOps Engineer
<b>Directly reports to:</b>	Software Team Lead
<b>Reports (dotted-line) to:</b>	Project Manager
<b>Direct reports:</b>	None
<b>Regularly interacts with:</b>	<p><b>Internal</b></p> <ul style="list-style-type: none"> <li><input type="checkbox"/> Software Team Lead</li> <li><input type="checkbox"/> Software Team Members</li> <li><input type="checkbox"/> Lead Technical Architect</li> </ul> <p><b>External</b></p> <ul style="list-style-type: none"> <li><input type="checkbox"/> Contractors</li> <li><input type="checkbox"/> Software consultancies</li> </ul>
<b>Primary location:</b>	Cambridge, CB4 0DP
<b>Travel requirements:</b>	Occasional travel to customer sites for installation and training purposes.
<b>Role description / primary responsibilities:</b>	<p>We have a fantastic opportunity for a Principal DevOps Engineer to join our core engineering team in Cambridge</p> <ul style="list-style-type: none"> <li><input type="checkbox"/> Lead the DevOps activities to identify, plan and implement automation in build/deploy and environment management activities.</li> <li><input type="checkbox"/> Educate engineers and data scientists regarding Devops and CI/CD processes and culture</li> <li><input type="checkbox"/> Deploy, maintain and test sensitive customer systems.</li> <li><input type="checkbox"/> Provide 3rd line support to operational aspects for various deployments of our platform when required</li> <li><input type="checkbox"/> Work alongside team to develop product's operational capabilities.</li> <li><input type="checkbox"/> Deliver automation and tools for our platform and developers</li> <li><input type="checkbox"/> Undertake hands-on software development in Python.</li> <li><input type="checkbox"/> Occasional out of hours support will be required.</li> </ul>
<b>Experience and skills required:</b>	<p><b>Essential Skills and Experience</b></p> <ul style="list-style-type: none"> <li><input type="checkbox"/> Track record of deploying and operating enterprise systems with at least 5 years DevOps experience.</li> <li><input type="checkbox"/> Experience with DevOps orchestration and CI/CD tools</li> </ul>

	<ul style="list-style-type: none"> <li><input type="checkbox"/> Extensive experience with Linux</li> <li><input type="checkbox"/> Strong automation experience in Ansible configuration management framework</li> <li><input type="checkbox"/> Strong programming skillset in Python application scripting language</li> <li><input type="checkbox"/> Knowledge of container technologies (Docker, AWS ECS, rkt)</li> <li><input type="checkbox"/> Good understanding of version control systems Git</li> <li><input type="checkbox"/> Ability to lead projects and manage customers</li> <li><input type="checkbox"/> Excellent communicator.</li> </ul> <p><b>Desirable Skills and Experience</b></p> <ul style="list-style-type: none"> <li><input type="checkbox"/> Deployed and operated high-availability systems.</li> <li><input type="checkbox"/> Versed in AWS cloud (EC2, S3, VPC, CloudFormation).</li> <li><input type="checkbox"/> Experience with packaging and deploying applications using docker and virtualization technologies.</li> <li><input type="checkbox"/> Knowledgeable about common internet protocols, standards, architectures and patterns.</li> <li><input type="checkbox"/> Experience with PostgreSQL, Oracle and MySQL</li> </ul>
<b>Personal attributes:</b>	<ul style="list-style-type: none"> <li>• Highly motivated self-starter.</li> <li>• Excellent communication, collaboration and organisational skills.</li> <li>• Strong long-term commitment to making the company a success.</li> <li>• Able to identify risks and estimate work.</li> <li>• Able to time-box development and spikes, effectively trading off time, quality and scope.</li> </ul>
<b>Working environment:</b>	<ul style="list-style-type: none"> <li><input type="checkbox"/> Open plan air-conditioned office environment, with access to private meeting rooms.</li> <li><input type="checkbox"/> Willing and able to work normal office hours (9am to 5:30pm) to facilitate timely inter-team communication.</li> <li><input type="checkbox"/> On-call for operational issues outside normal office hours.</li> </ul>
<b>Qualifications:</b>	<ul style="list-style-type: none"> <li><input type="checkbox"/> Required: Good degree in technical subject (computer science, engineering or natural sciences).</li> </ul>
<b>Benefits:</b>	<ul style="list-style-type: none"> <li><input type="checkbox"/> Share options</li> <li><input type="checkbox"/> 25 days annual leave</li> <li><input type="checkbox"/> Private health insurance plan (currently BUPA)</li> <li><input type="checkbox"/> Pension scheme with employer contributions</li> <li><input type="checkbox"/> Life cover (3x salary)</li> </ul>
<b>Date document compiled:</b>	09 May 2018