Title Junior DevOps Systems Administrator

About Us
Magnitude Connectivity solutions provide access to data. At the heart of it all, you’ll find Simba Technologies recognized around the world for leading the way in standards-based, data-access and analytics connectivity solutions for relational and multi-dimensional data sources. Our market leading technology is used by the industries’ top Big Data and business intelligence vendors. From Cloud to On-Premise, from SQL to NoSQL, we develop high-performing and high-volume data access solutions to make it easy for other developers to create their dream products.

Big Data innovators turn to Magnitude Simba Connectivity solutions. Our partners include leading independent software vendors and global enterprises such as Alteryx®, Altiscale®, Cloudera®, Couchbase®, Databricks®, DataStax®, Google®, Hortonworks®, MapR®, Microsoft®, Oracle®, Qubole®, Splunk®, Tableau®, and Teradata®.

Our motto change drives us and culture unites us empowers us to hire smart people and give them the focus to solve the right problems with the freedom to do their best work. Our culture is highly collaborative, without micromanagement or excessive hierarchy. We all pitch in to tackle huge challenges together and recognize good ideas come from every department, at every level. We recognize both individual and collective wins.

About the Role
As a DevOps System Administrator, you will be a key contributing member of a Build and Test Automation team, for our Software Development producing cutting edge and extreme performance database Engines and Drivers. You will be tasked to help ensure availability and reliability of existing systems as well as the agile deployment of changes developed by the team and updates to base frameworks. These systems are used by software developers as part of their daily activities. This position would be part of a team that is building and operating automation for continuous software delivery.

In addition to administration an ideal candidate will have keen interest in scripting and other forms of automation. Software delivery is constantly evolving process and it requires a flexible automation which can quickly respond to new requirements. Bringing automation to this level relies on using contemporary tools, frameworks and lots of scripting to glue all these together.

Objectives
• To be familiar on management and administration level with the entire breadth of our operating environment, from hosted to Cloud to CI and Django servers
• To be comfortable with troubleshooting in Windows, Linux (multiple flavors), Unix (AIX, HP UX, Solaris) and MacOS
• To maintain and improve cloning and automated configuration of Intel-based and Unix virtualization

Key Responsibilities
• Monitoring logs and message centers; managing large number of virtual machines; making sure that core infrastructure components, virtual machines, databases, servers, storage, web servers, etc. are functioning; are updated and patched.
• Interfacing with IT when tasks require corporate level support for backups, networking, permissions, etc.
• Contribute to the evolving design and architecture of reliable and scalable infrastructure
• Design and implement infrastructure automation
• Work with the IT engineers when new solutions require change to the infrastructure, networking, storage, etc
• Work with the development team to build new features and ensure updates to systems are deployed with minimal disruption of system availability.
• Administration of CI servers (Atlassian Bamboo), Virtual Machines (VMWare), Docker Hosts, Cloud (AWS)
• Per request OS, tools and frameworks updates
• Per request OS level troubleshooting (Windows, Linux, MacOS, Unixes)
• Installing Development Software (Visual Studio, XCode, gcc, make, etc)
• Lightweight DB administration (Postgres, MS SQL)

Minimum Qualifications
• An ambition to master Windows and Linux skills
• Ability to monitor logs, update software, install, configure and maintain servers
• Experience with scripting languages. Fluent in at least one of the following languages: Python, Perl, Bash, Power Shell
• Some familiarity with basic database administration (PostgreSQL, MS SQL, etc.)
• Experience with modern software practices – build systems, source code repositories, bug tracking systems
• Flexible, continuous learner, excellent communicator, works well in team environment, appreciates challenge, comfortable working in new areas that require experimentation and rapid problem solving
• Must be able to be on call on weekends and evenings for emergency support

Desired Qualifications
• MacOS and Unix (Solaris, AIX, HP UX) administration experience
• Familiarity with operating in AWS, Docker, Container Based Systems
• Experience with modern monitoring and configuration management systems – chef, nagios, puppet, etc
• Experience with continuous integration (Jenkins, Bamboo, Team City, etc)

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