

## **Sr. Software Engineer – RiverMeadow Cloud Migration SaaS Integration Job Description**

RiverMeadow is looking for enthusiastic and motivated people who want to be right in the middle of not just cloud computing, but multi-cloud agility. You will be a member of our core product development team, working on exciting new products that have the potential to change the market dynamics among cloud service providers, and be an integral member of a team building first-of-their-kind cloud applications.

As part of the core engineering team, you'll work directly with middleware and front-end engineers in a dynamic, open environment. You'll employ the latest techniques and best practices in software development and utilize best in class tools and frameworks to build a scalable, enterprise-class, SaaS application for the cloud.

You are a highly motivated team-player who can easily communicate your ideas and has the sensibility to listen to input from a variety of sources, be they creative or technical. You have a dogged determination to get the job done and you won't compromise on the quality of your work.

### **Major Responsibilities**

- Develop software in Python/Bash to enable migration of existing server operating system disk images (Windows or Linux) to cloud VM hypervisors; requiring in-depth knowledge of boot loaders, disk partitioning, file system layout and boot sequences
- Debug server converted server images for boot, integrity of the image and application startup.
- Develop software using the Hypervisor APIs to provision migrated server images.
- Develop software to interface with cloud providers.
- Contribute to the broader software architecture, and be a proponent of agile, test-driven development practices

### **Required skills**

- 5+ years developing backup software, NTFS, network storage, clusters, hypervisor integration, or related technology.
- Deep system and kernel-level understanding of Windows or Linux.
- General understanding of the functionality for virtualization, provisioning, backup, cloning, network storage, or similar server technology.
- Knowledge of, and experience with, Agile methodologies and test-driven development.
- Strong emphasis on quality.

### **Desired skills (not mandatory)**

- Experience with source code control and/or configuration management systems
- Experience with developing REST APIs
- Experience with Java
- Understanding of APIs and experience using REST APIs
- Knowledge and experience with one or more hypervisors - ESX, Xen, KVM, Hyper-V
- General understanding of one or more Cloud APIs - OpenStack, CloudStack, AWS, vCloud
- Open Source contribution to Xen, KVM, Linux or OpenStack
- Experience with Python or Perl or Ruby
- Shell or WMI scripting
- Knowledge of simple workflow engines and job management systems

Pay is commensurate with experience, and highly competitive, including equity participation.

[About RiverMeadow](#)