

## DevOps Engineer (5-10 Years' experience)

Artificial Learning systems (Artelus) is a 20 month young company, bootstrapped and working in the Deep Learning space to solve healthcare problems. The company seeks to make products, which would complement the knowledge of and assist clinicians in making faster and more accurate diagnoses.

Our team comprises a group of dedicated scientists trying to make the world a healthier place using the latest advances in computer science and machine learning and applying it to the field of medicine and healthcare.

Artelus is on the lookout for an experienced DevOps Engineer who has a highly competitive and entrepreneurial mindset that is wired with a team-first attitude, has no problem rolling up the sleeves to execute missions, and can modulate between leading and following as needed.

### Job Profile:

**Artificial Learning Systems India Pvt. Ltd.** is looking for a **DevOps Engineer** to work with our innovative product operations team.

The successful candidate will use their experience to:

- Manage and support Artelus' Cloud product installations and platform operations
- Define and guide customers in application architecture and solution that are deployed into public/private clouds
- Provide systems administration support and automation for Unix/Windows virtual machines in the cloud. This includes managing operating system installations and patching, application installations and patching (App Servers, DB Servers), managing network and VLAN configurations, setting up VPNs and security controls, managing backup processes and environments, managing systems monitoring and alerts, and supporting customer's virtual environments
- In addition, the candidate should be proficient in Unix and Windows scripting to automate installations, configurations, and management of virtual resources in the cloud that support scalability, high availability, and disaster recovery

### Candidate Profile:

- The role requires a deep understanding of Linux server administration, Networking and key applications and services running on virtualized and non-virtualized platforms.
- In addition, this role as DevOps engineer is responsible for complex problem resolution, creating and improving procedures and facilitating communication.
- Other duties include researching, proofing, and authoring technical documentation that are beneficial to the company.
- Responsibilities also include providing oversight of a number of Hosted Linux systems, databases, and network troubleshooting, and providing various technical solutions to the business.
- This is a great career opportunity for a highly motivated individual who wants to extend and utilize his or her solid and broad skills.

- While his/her primary role is support operations for the system center, he/she will be also occasionally required to take active role in testing applications, and diagnosis of IT problems outside their scope of responsibility.
- A successful candidate will be required have a broad range of knowledge and experience, as well as be a quick learner to understand and work with specialized systems.
- The work can be demanding at times, particularly as deadlines approach, when extra hours may be required based on the candidate's effective deliverable capacities.

## Qualifications:

### Must Have:

- At least 5 years of experience working in IT operations team
- At least 3-5 years of experience in automation using Python/ruby/PowerShell/Perl etc., with Unix/Windows OS's
- At least 5 years of experience administrating and managing Linux/Windows/Solaris systems and environments
- In depth knowledge of automation with advanced Python, Chef, Ruby and PowerShell
- Experience in Orchestration tools like Mcollective, Chef, Ansible, Puppet, etc.
- In depth understanding of Linux OS, Dockers, Kubernetes, networking protocols, advanced tools and troubleshooting techniques
- Experience in Oracle OVM, VMWare virtualization technologies and exposure to Cloud configuration tools
- Experience in working with or supporting production, test, and development environments for medium to large data centers
- Experience in installing and configuring application servers and database servers
- Experience in developing scripts to automate software deployments and installations
- Experience in a 24/7 high-availability production environment
- Experience in installation and configuration of Linux, Solaris or Windows in enterprise environment
- OEL certified / Sun Certified / RHCE / CCNA level knowledge on client OS is preferred
- Effective communication skills via phone and email in English are mandatory. Business Level English Skills
- Possess and demonstrates strong logical-thinking skill, full of intellectual curiosity and high desire for self-development
- Ability to come with best solution by capturing big picture instead of focusing on minor details/issues. Root cause analysis
- Familiarity in Python / Apex programming along with Operating systems skills will be given preference
- Good customer communication skills and the ability to work well in a team environment
- B.S. in Computer Science, Computer Engineering, Software Engineering, or related areas is preferred

### Good to have:

Familiarity in:

- Linux (OEL 5/6/7\* all updates, Ubuntu)
- Windows Server 2008/2010/2012
- Ticket support systems such as Remedy, Trac, Bugzilla, etc.

- Application servers such as WebSphere, JBoss, Apache
- Database servers such as Oracle, MySQL

**Preferred:**

- Very good understanding of DevOps Administration & operation
- Network Certifications – CCNA
- OEL certified
- Cloud security architectures and secure data transfer protocols
- Sun Certified Enterprise Architect (SCEA)
- Experience with cloud providers such as Amazon, GoGrid, Rackspace, Terremark, Savvis
- Exposure to VMware vSphere/vCenter/ESXi environments
- Exposure to OpenSwan VPN, OpenVPN, Cisco VPN, or other VPN client/server technologies

**Job Type:** Full time, permanent

**Job Location:** Bangalore

**What does working with Artelus mean to you?**

- Working in a high energy and challenging environment
- Work with international clients
- Work in cutting edge technologies
- Be a part of an exciting path breaking project
- Great environment to work in-you have full freedom to exercise your skills