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**Objective**

***In pursuit of challenging assignments that would facilitate the maximum utilization and application of my broad skills and expertise in making a positive difference to the organization.***

**Professional Summary**

* Around **4+** years of Experience in **DevOps** engineering and configuration management.
* Expertise in supporting multiple projects during builds and release process.
* Hands on experience with version control tool like **SVN**, **GIT.**
* Experience on **Subversion, GIT**- Created branches, tagging, setting SVN externals and providing access permissions to the developers over branches.
* Good working experience on **Linux and Windows** Operating Systems.
* Scripting in multiple languages on **UNIX**, **LINUX** and **Windows** –Batch, **Shell.**
* Used Shell scripting in automating many modules.
* Hands on experience in automating build process using **JENKINS** **CI** Tool.
* Good experience in deploying the files in **Tomcat** Server.
* Worked on ticketing tool like **ServiceNow.**
* Supporting scheduled builds using scripts and tools.
* **Troubleshoot** the Application related issues in **production & Non- production** environments.
* Design, integration, deployment and administration of **J2EE** Application servers – Tomcat Application Server across **UNIX**, **Windows** and **Linux** platforms.
* Having good knowledge in Amazon **EC2** technologies **EC2, S3, EBS, Auto scaling**, monitoring and elastic load balancing.
* Very good knowledge in access management using the **Identity Access Management** in **AWS.**
* Managing **SaaS** platform hosted on **AWS** running with 99.99% uptime using **Auto scaling**.
* Good knowledge in managing the load using the **Elastic Load Balancers** in **AWS.**
* Participate in building the DevOps Platform using configuration management tools like **Chef.**
* Used tools like **Docker, chef** for deployment automation**.**
* Good Knowledge using the backup repository **Nexus.**
* **Docker** installation and image setup.
* Creating custom image from a **Docker File.**
* Using Dockers **Building a web Farm for Development.**
* Ability to accept challenge, learn and grown in good profession manner.
* Successful in communicating with people at all levels and with other departments as needed to best Serve the customer.

**IT Knowledge Purview**

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| **Version Control System tools** | Subversion (SVN), GIT |
| **Operating Systems** | Windows 9x/2000/XP/7, Red Hat Linux, Ubuntu, and CentOS |
| **Configuration Management** | CHEF, Ansible, Vagrant. |
| **Scripting** | Shell Scripting, python(beginner) |
| **Web Server** | Apache, Nginx |
| **Application Server** | Apache Tomcat |
| **Continuous Integration Tools** | Jenkins |
| **Cloud Environment** | AWS, Azure |
| **Monitoring** | Nagios CheckMK, Sensu, Prometheus |

**Academic Credential**

* Bachelor of Engineering in Electronics & Communication Engineering from JNTU Anantapur.

**Professional Experience**

* Working as **DevOps Engineer** at Innominds Software Pvt Ltd., Hyderabad from **April** **2016** to **Till** **Date**.

**Projects**

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| **Project Name** | **Dover IIC** |
| **Client** | **Dover IIC, Bangalore** |
| **Role** | **Cloud and DevOps Engineer** |
| **Duration** | **September 2017 to Jan 2018** |
| **Environment** | **AWS, GIT, Jenkins, Shell Scripting, Docker.** |

**Description:**

Dover is a diversified global manufacturer with annual revenues of approximately $7 billion. We deliver innovative equipment and components, specialty systems and support services through four major operating segments: Energy, Engineered Systems, Fluids, and Refrigeration & Food Equipment. Dover combines global scale with operational agility to lead the markets we serve. Recognized for our entrepreneurial approach for 60 years, our team of over 26,000 employees takes an ownership mindset, collaborating with customers to redefine what’s possible. Headquartered in Downers Grove, Illinois, Dover trades on the New York Stock Exchange under “DOV.”

**Roles and Responsibilities:**

* Setting up the new build environment for various applications in **Windows**/**Linux** environment.
* Managed to organizational standards by maintaining the source code in **GIT** for various applications. Setting up the new Build Environment for various products in Linux Environment.
* Maintains and extends configuration and build sub-systems on **GIT**.
* Creating and maintaining the development and release branches on **GIT**.
* Implementing **Jenkins** continuous integration tool including installing setting the jobs/plans and setting up the tool for deployment.
* Involved in installing **Jenkins** on a **Linux** Machine. And creating a **Master** and **Slave** configuration to implement multiple parallel builds through a build.
* Used **AWS** services like **EC2, S3, EBS, Cloud Watch, ELB** for building infrastructure.
* Participates in the design and implementation phases for new and existing products, with a focus on **AWS** technical knowledge for successful execution of the requirements.
* Help engineering teams implement **new technologies** in development for future production deployment.
* Actively monitor and administer the applications and hosting environment to increase **efficiency**, **improve reliability**, and **minimize downtimes**.
* **Measurement**, **optimization** and **tuning** of system performance and ensuring that systems will run reliably and are highly available in a **24/7** production environment.
* Automated build deployments into **EC2** using **Puppet.**
* Experience in scripting for monitoring/deployment using *chef* to automate the task/deployment/install is strongly preferred.
* Used **Docker Container** for running different individual services and optimizing the infrastructure cost.
* Managing/Tracking the defects status using **JIRA.**
* Automating the manual process if any, by writing the **Shell scripts.**
* Involved in deployment of the application using **Tomcat.**
* Primary responsibilities include Build and Deployment of the java applications onto different

Environments like **QA, UAT, pre-Prod** and **prod.**

* Production environment support activities which include major release or emergency hot fix deployments, scheduling and coordinating with client regarding Operational Job Cycles or any activities.

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| **Project Name** | **Barco** |
| **Role** | **Cloud and DevOps Engineer** |
| **Duration** | **April 2016 to March 2017** |
| **Data Base** | **MySQL, SQL Server** |
| **Cloud Technologies** | **(VPC, EC2, S3, Cloud Watch, RDS, Cloud Front, Elastic Beanstalk, IAM)** |
| **Operating Systems** | **Linux (Red Hat 4/5/6, SUSE), Ubuntu, Windows NT, /2000/2003/2007** |
| **Scripting languages** | **Shell Scripting** |
| **Configuration Management** | **Ansible** |
| **CI Tools** | **Jenkins** |
| **Version Control Systems** | **GIT, Git Hub** |
| **Automated Build Tools** | **Jenkins** |
| **Web Server** | **Tomcat** |

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| **Description:**  Barco, a global technology company with ~$2 Billion in annual sales, designs and develops networked visualization products for the Entertainment, Enterprise and Healthcare markets. Barco is progressively moving its services into the cloud.  **Roles and Responsibilities:**   |  | | --- | | * Administration of **Git** tool includes creating **branches**, **tagging**, **access** **permissions** and setting up **hooks** & **locks**. * Maintaining Subversion code repository and **backup files**. * Experience in Creating **branches and tags** to separate build system after a milestone releases and Create build storage archives for back tracking builds. * Configured **Jenkins** CI tool for project and setup Nightly Builds. * Automated the code deployment process in each environment (development, QA, Staging, Production). * Configured a continuous integration process and interface with the operations team to ensure project artefacts are deployed automatically to various environments using **Jenkins**. * Installation, Configuration and Administration of **Jenkins** over UNIX and LINUX build machines in distributed mode over Apache Tomcat and configured jobs along with various plug-in for Continuous Integration, Release Builds for **AGILE** and Production Branches. * Accomplished in tool automation using **Shell scripting.** * Responsible for the **deployment** **on Linux** for Dev/ QA, staging, production**s** environment. * Preparing the build statistics and produce to the management team. * **Troubleshoot** deployment problems, **release issues** and **environment issues** in a multi-component environment. |      |  | | --- | | **DECLARATION** |  |  |  | | --- | --- | | **Project Name** | **Innominds User Management Tool** | | **Client** | **Internal** | | **Role** | **Cloud and DevOps Engineer** | | **Duration** | **April 2017 to August 2018** | | **Environment** | **AD, Powershell, PHP, Html, CSS and Python** |   **Description:**  Creating Active Directory accounts is one of the job duties that most people in IT hate or strongly dislike. In an active directory when it comes to user creation if the number of user accounts are small we can either add them with typical user add wizard or create them using user account templates, but when it comes to large number of users it is advantage if there is sort of automation tools which we can use to import/export/create user account details, other resources details. well good news is AD have this feature inbuilt and we can use these tools for automate this process.  **Roles and Responsibilities:**   |  | | --- | | * Create the mailbox and the Active Directory account. * Place each user in the appropriate storage group, based on the first initial of the user’s last name. * Place each Active Directory account in the appropriate organizational unit, based on the user’s department. * Create a shared home folder for each user. * Apply appropriate group membership for each account. * Set appropriate permissions for each home folder. * Send an email to the Help Desk to notify them about the account status. * Schedule a mail to the user’s personal email to receive his credentials * Disable a user account with one click * Reset user’s password and generate a random one. * Unlock user’s account * Also, some sort of modifications using this tool. * Sending an otp to user’s mobile numbers to reset their passwords. This is done by sms gateway. |   Previous Experience   |  |  | | --- | --- | | **Organisation Name** | **Auropro Software Solutions** | | **Client** | **Internal** | | **Role** | **Linux and VMware Administrator** | | **Duration** | **Nov 2013 to April 2016** | | **Environment** | **Linux, Vmware, AD and Office 365.** |   **Roles and Responsibilities**   * Installing, configuring and managing the RedHat Linux 5&6 in both physical and virtual servers. * Installing, Managing and upgrading patches and packages. * Configuring the private repository for accessing the packages with YUM. * Experience on file system and disk management and managing disk quotas. * Creating and managing user accounts, groups and access levels using SUDO. * Managing the problems associated with boot process. * Changing File Permissions as per the client request. * Troubleshooting hardware and software failures on Linux * Configuring the LVMs and adding the additional disk space as and when required. * Managing NFS in client-server architecture with Auto mount feature. * Installing and Configuration of Open SSH. * Scheduling/Controlling of jobs using cron. * Implementing ACL’s& special file permissions for security purpose. * Troubleshooting of network connectivity problems and day-to-day system issues * Handled Software / Hardware installations and system maintenance * Create the partitions and extend the swap partitions space and swap file * Working knowledge on shell scripting * Handling projects like patching, decommission and server build by co-coordinating with various teams and handover to the customer.   **VMware Administrator:**   |  | | --- | | * Manage and Maintain the physical hardware and virtual environment / infrastructure of the Energy & Utilities group using Virtual Center Server v5.0 with a mixture of ESXi 5 & ESX 3.5 hosts, consisting of seven physical hosts with 150 – 200 virtual machines. * Built the v5.0 vCenter Server and moved / migrated hosts over from the previous v3.5 Virtual Center Server, created server type templates for the streamlining of the server deployments with 3rd party and ARM specific software / applications. * Manage the host resources \ virtual machine resource allocation (CPU, memory, hard disk, etc) and perform routine maintenance on this environment (schedule downtime for patches, updates & upgrades). * Work with VMware Infrastructure Client in supporting our Windows 2008 & 20012, Linux Enterprise 5 Server environment. * Familiar with the upgrade paths for ESX\ESXi Host servers\Virtual Center Server & the setting up of networking on Linux 5 servers. * Installation and support of the ARM Suite client\application server for the Utilities sector (Asset & Resource Management software solution for the asset, work management, scheduling, optimization, mobile workforce management and to control operation costs). * Test Analyst and the preparing (installation, setup & configuration) of testing scenario’s to help with customer problem resolution. |   **AD and Office 365 migration:**   * Performed cross platform audits of Active Directory (AD) objects and user permissions. * Managed User Accounts (Creation, Deletion, Permissions, and VPN Access). * Developed organizational units in Active Directory (AD) and managed user security with group policies. * Created and maintained email addresses and distribution lists in MS Exchange. * Compiled data to assist technical writers with IT new hire manuals and prepared data to report to testers for system enhancements. * Migrated mail boxes and groups from on-premises AD to Office365.   I hereby declare that the above-mentioned information is correct up to my knowledge and I hear the responsibility for the correctness of the above mentioned particulars.  Date :  Place: Hyderabad **(** Sandeep.**)** |
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