**Farheen** **Mohammed**

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**OBJECTIVE-**

To seek challenging assignment and responsibility for a Fulltime Position as an Engineer where there is an opportunity for the organizational development and career growth.

**PROFESSIONAL SUMMARY-**

* I have Around 2yrs of Experience as a **DevOps/Build and Release Engineer** which involved code compilation, packaging, building, debugging, automating, tuning and deploying code across multiple environments and Linux Administration.
* Good knowledge in using configuration tools like **Ansible/Chef/AWS**.
* Having good knowledge of **Amazon AWS Cloud Services (EC2, S3, EBS, ELB, IAM, AMI, Route53, RDS).**
* Highly motivated and committed in learning skills in Automating, configuring and deploying instances on AWS, cloud environments and Data centers. Also familiar with EC2, Cloud watch, Elastic Search and managing security groups on AWS.
* Very good at using **MAVEN, ANT** as build tools for building of deployable artifacts such as war from source code.
* Good skills that help in **Chef Environment** with multiple servers and deploying manifests.
* Involved in functional usage and deployment of applications in **Apache Tomcat Server.**
* Plenty knowledge on Continuous Integration Tool like **Jenkins**. Designed and created multiple deployment strategies using Continuous Integration and Continuation Deployment Pipelines and configuration management’s tools with remote execution to ensure zero downtime and shortened deployment cycles via automated deployments.
* Great knowledge in setting up build servers for **build** and **deploy automation**.
* Worked on **GIT and SVN** on Windows and Linux platforms in creating **branching, tagging** and maintaining version across environments.
* Trained well in administering tasks like taking backups, expanding file system disk space, creating NFS mounts.
* Easily use deployment tool **OC4J**.
* Established capabilities in application design, implementation, troubleshooting, monitoring, continuous improvement and change controls. Enhances and automates internal process to generate efficiency.
* Deploy different builds to different environments on parallel development for multiple projects.
* Comprehensive problem solving abilities with Data driven decision-making.
* Good verbal and written communication skills.
* Proactive, quick learner, hard working person with strong aptitude for learning.
* Very enthusiastic and highly motivated with Positive attitude.
* Committed to work in project deadlines and schedules.
* Organized and well-structured at work.
* Passion for product and result oriented.

**EDUCATION-**

**Master of Science in Computer Engineering -** Dec 2016

**GPA-3.6**

Silicon Valley University, Sanjose, CA.

**Bachelor of Science in Mechanical Engineering-** May 2015

**GPA-3.4**

Acharaya Nagarjuna University – Hyderabad, India.

**TECHNICAL SKILLS-**

**Languages : C**, C++, Java, J2EE, Shell Script, Ant Script, Ruby

**Operating Systems :** Windows, Linux (Red Hat)

**SCM Tools :** SVN, GIT

**Build Tools :** ANT, Maven

**CI Tools :** Jenkins/Hudson

**Repository :** Jfrog Artifactory

**Application Server :** Apache Tomcat

**Configuration management Tool :** Ansible

**Cloud Technologies :** AWS (EC2, S3, EBS, ELB, AMI, IAM, Route53)

**Design and Simulation Tools :** CAD, CAM, ANSYS and CATIA

**Deployment :** OC4J

**Code Quality Analysis Tool :** Sonar

**AWARDS AND ACHEIVEMENTS-**

* Organized BECTAGON feast which was held in our college.
* 30 days of Industrial training from SRIAM's Pvt Ltd, Hyderabad.
* Participated in PAPER PRESENTATION of AFOSEC-2K12 at Siddhartha Engineering College, Vijayawada, India.
* Attended to workshops on Robotics, Product design and development
* Certificate for doing Auto Cad and CATIA V5 from cad focus, Bangalore.
* Certificate for service done in Blood Donation camps.
* Presented various Paper Presentations in several colleges.
* Participated and won 1st prize in state level Dance Competition.
* Represented school sports team in district level sports competition.
* Actively participated in all science exhibition conducted in school and college.
* Participated in wonder world Art competition.

**WORK EXPERIENCE-**

##### Cisco Systems, San Jose, CA Jan’16 to Till Date

##### Cisco is the worldwide leader in IT that helps companies seize the opportunities of tomorrow by proving that amazing things can happen when you connect the previously unconnected. At Cisco customers come first and an integral part of our DNA is creating long-lasting customer partnerships and working with them to identify their needs and provide solutions that support their success.

##### DevOps/Build and Release Engineer

**Responsibilities**:

* Responsible for continuous integration, deployment, version management, source code management and environment management, supporting the Software Release Management and procedures.
* Used GITHUB to import and manage the applications such as Java.
* Implemented & maintained the branching and build/release strategies using GIT.
* Performed all necessary day-to-day GIT support activities for different projects.
* Responsible for design, maintenance, and support of GIT repositories, and views.
* Configured GIT with Jenkins and schedule jobs using POLL SCM option and integrated the tools to automate code checkout process.
* Jenkins is used as a continuous integration tool for automation of daily processes.
* Deployed Java Enterprise applications to Apache Web Server and JFrog application server.
* Used Maven and Ant as build tools in Jenkins to move files from one environment to another.
* Managed Maven project dependencies by creating parent-child relationships between projects.
* Deploy Ansible and Jenkins to completely provision and manage AWS EC2 instances, volumes, DNS, and S3.
* Managed Ansible installation and writing .yml files.
* Good Understanding with core concepts like Inventory, Playbooks, Roles, Tasks and Modules
* Using Ansible galaxy for Documentation and References, and creating Ansible playbook and Deploying on nodes.
* Maintained Artifacts using JFROG Artifactory Server.
* Automated the tasks using Python/Bash scripting. Wrote Shell Script programs for Integrating with the Jenkins job and performing tasks.
* Used SONAR to help maintain the source code quality.
* Designed and implemented public facing websites on Amazon Web Services (AWS).
* Created S3buckets and managed policies for S3buckets, utilized S3bucket for storage and backup on AWS.
* Setup Elastic Load Balancer for distributing traffic among multiple Web Logic servers and involved in deploying the content cloud platform on Amazon Web Services using EC2, S3 and EBS.
* Used JIRA to track issues and change management.
* Responsible for development and maintenance of processes and associated scripts/tools for automated build, test and deployment of products to various developments.

**Environment**: **AWS, Git, putty, UNIX, windows, SVN, Java/J2EE, Ruby on rails, Python, Eclipse, Ant, Jenkins, Maven, Jira, Junit, Ansible, Unix/Linux, Tomcat Apache Application Server.**

**Title of the Project**: Fabrication of 3D Printer

**Team size** : Five members.

**Project Role** : Designing and construction of the Mechanical structure using additive manufacturing.

**Duration** : July, 2014 -May, 2015.

**Description:**

3D printing is any of various processes for making a three-dimensional object of almost any shape from a 3D model or other electronic data source primarily through additive processes in which successive layers of material are laid down under computer control. A 3D printer is a type of industrial robot. 3D printing technology is a boon for humans. It is the process by which we can form any solid shape from a digital model. In this technique we can remove the unwanted material by cutting or drilling. There are many printers which use digital technology to do 3D printing processes. The sales of these machines have grown with the time. With the introduction of 3D printing technology, WE can go for mass production.    
  
We can increase the production with less capital as they will be controlled by the same controller. Medical science is also taking the help of this technique. There are many companies that offer 3D services to consumers. They need to upload their design in the website and your design will be ready within a few hours. We can print a solid object from a device connected to the computer.