# Profile Qualifications

* Around 2 years of experience onsite in the field of Configuration Management, DevOps and Build and Release management.
* Setup and maintenance of cross development environments like **Windows and Linux.**
* Documented release, builds and source control processes and plans for J2EE applications.
* Worked as a member of **DevOps** in monitoring the work flow continuously by measuring the applications performances in the Scaled Agile methodology of **SDLC**
* Exposure in creating **cookbooks** to deploy tomcat and Java applications using **Chef.**
* Experience in working with Tracking Tools like **VersionOne**, **JIRA**
* Automating the Build process using **Subversion**, **ANT** and **GIT**.
* Developed, documented, and automated reusable builds and release processes for **Visual Studio** and **TFS**, batch scripts.
* Knowledge on cloud environment like **AWS**.
* Being self-conscious and self-motivated, can complete the assigned task in given time.
* Flexible to work in different groups with minimal supervision.
* Making no boundaries,to gain knowledge from workand environment.
* Ability to maintain professional demeanor in high-stress situations.
* Excellent multitasking and time management skills with consistent attention to detail.
* Admirable written and verbal abilities to communicate.
* Enjoy working as a member of a result-driven team and can work individually.

# Education :

|  |  |  |  |
| --- | --- | --- | --- |
| **QUALIFICATION** | **BOARD/UNIVERSITY** | **YEAR** | **GPA** |
| Master of Science in Electrical and Computer Engineering(M.S) | 2015 Oklahoma State University –Stillwater, Oklahoma ,USA | May 2015 | 3.72/4.0 |
| Bachelor of Technology in Electrical and Electronics Engineering | Acharya Nagarjuna University,  Andhra Pradesh, India | April 2013 | 4.0/4.0 |

**Work Experience:**

**Employer** : Tech Rakers Inc, June 2015 - Feb 2017

**Implementing Partner** : Capegemini

**Client**  : Rockwell Automation, Milwaukee, USA

**Role**  : Continuous System Integration Engineer,

Build and release engineer,

Devops Engineer

**Responsibilities:**

* Part of a team of CI engineers that design, develop and support the CI system for a large software development group using Agile development methodologies.
* Experience in providing CI solutions using **Jenkins** and **Gradle** for .**NET, C/C++/C#** and **Java** applications on **Linux and Windows** platforms.
* Experience with **Python, Puppet**, and able to demonstrate CI skills / knowledge.
* Experience with **MS Powershell, TeamCity, Docker, Artifactory.**
* Background of work involving with geographically distributed teams.
* Working with Rockwell Automation and 3rd party **industrial automation** equipment such as programmable logic controllers (**PLC**’S), communication devices, input/output modules, operator interface devices, network devices and **industrial PCs**.
* Contribute in the design and implementation phases for new and existing product with emphasis on effective execution of necessity.
* Implemented Security groups and Access Control Lists using Cloud Watch.
* Automated Nagios alerts and email notifications using python script and executed them through Chef.
* Automated Nagios services for database server, web-server, application-server, networks, file sizes, RAM utilization, Disk performances using Python script in Chef.
* Writing the build scripts in **GRADLE**, **ANT**.
* **Bash** scripting for running the builds locally on a machine.
* Deploy and Roll out the feature changes for the **Build System stability**.
* Promoting and Rebasing the Branches in **GIT**. Release of new Version of Builds.
* Creating a build component structure and pushing it to the repo in the **Git** Lab.
* Creating package job in **JENKINS** and building it on Server.
* Implemented rapid-provisioning and life-cycle management for Linux using **Chef**, and custom **Ruby/Bash** scripts
* Experience in using **Tomcat** and **Apache** web servers for deployments and for hosting tools
* Knowledge in provisioning and deployment tools like **Puppet** and to automate Configuration management & Applications.
* Usage of **Puppet** to manage Web Applications, Config Files, Data Base, Commands, Users Mount Points, and Packages.
* Involved in writing **Chef Cookbooks** and recipes to automate the deployment process and to integrating chef cookbooks into **Jenkins** jobs for **CD** framework.
* Installed **Chef** server Enterprise on workstation and bootstrapped the nodes using Knife
* Employing the community cookbooks through super market, written scripts in Ruby.
* Usage of **ChefSpec** framework to run test recipes and resources and **Knife CLI** tool to provide interface between local chef-repo and **Chef** Server.
* Support in developing and operating **engineering designs**& transformation techniques.
* Worked with **Developers**&**Testers** in monitoring the work flow continuously by measuring the applications performances.
* Hands-on with development tools for static analysis and code coverage.
* Coordinating with the development and test automation team in maintenance of source code and training them with **CI** System.
* Support in developing and operating engineering designs & transformation techniques.
* Documented release, builds and source control processes and plans for applications.
* Maintaining Code Migration and **Version control**.
* Designed and created necessary documentation on the bug fix issues.
* Updating work on **VersionOne** tracking for Sprint Reviews.

**Environment / Tools used:**

Java, .Net,C++, C# , Gradle

Git(Ext,Bash), GitLab, Jenkins, Chef

Artifactory, Ant, Maven, Klockwork, CouchDB

Code Collabrator, SharePoint

IDE: Eclipse & VS2012, Make, CMake

BeyondCompare, IssueTracker

VersionOne, TeamCity,VNCViewer

Rockwell Automation and 3rd party industrial automation equipment such as programmable logic controllers, communication devices, input/output modules, and operator interface devices, network devices and industrial PCs.

**Areas of Expertise:**

|  |  |
| --- | --- |
| **SCM and Infrastructure Tools:** | Subversion (SVN), Perforce, Jenkins/Hudson,TeamCity, VersionOne,JIRA**,** TFS, Clear Case, GIT, GitHub, Chef, Puppet,Ansible,SaltStackGitLab, Visual Studio 2012,TFS 2010/2012,Visio 2012,MS build, IssueTracker,Docker |
| **Build Tool:** | Ant, Maven, Gradle and Make. |
| **Servers:** | JBOSS, Apache Tomcat, Web logic |
| **Languages:** | Shell, C, C++, Java,.NET,C#,Groovy,Gradle, Python,Ruby, Bash |
| **Database System:** | DBMS (Oracle PL\SQL) |
| **Platforms:** | Red hat Enterprise Linux, Windows XP, Windows 7, UNIX |
| **Cloud Technology:** | AWS |
| **Monitoring Tools:** | Nagios,Kibana |
| **Software Package** | MATLAB, MATTPOWER, MODELSIM, PSPICE, Power  World, ATP (Alternate Transients Program), PLC |

# Academic Projects: Aug 2012-May2015

* Project on ‘Application of Surge Arresters to Transmission Lines in Studying Transient and Steady State by using **ATP**’(Jan 2015-May 2015)
* Project on ‘**Renewable Energy Resources**, ’Operating and Controlling of Load at Day/Night by Integration of Solar and Wind Energy’(Aug 2014-Dec2014)
* Project on Smart Grid,’ Unit Commitment in Microgrid by **Genetic Algorithm**’(Aug 2014-Dec 2014)
* Term paper on ‘**Energy Harvesting** (offshore)for Navy’s use’(Jan 2014-May2014)
* Project on ‘High Level **Verilog** Modeling and Efficient Sub-Module Blocks to Accomplish a task’(Jan 2014-May2014)
* Project on **IEEE Single Precision Floating Point FFT Processor**’(Jan2014-May2014)
* Term paper on ‘Use of **Power Electronics** in Energy Harvesting’(Aug 2013- Dec 2013)
* Project work on ‘Closed Loop Speed Control of Spindle Motor’ using **MATLAB/SIMULINK** (Dec-2012-April-2013)
* Term paper on ‘**Fuzzy Logic** based Optimal Capacitor Placement on Radial Distribution Feeders’(Aug 2012-Nov 2012)

# Achievements and Extra Curricular activities:

|  |  |  |  |
| --- | --- | --- | --- |
|  | |  | |
| * Oklahoma State University (OSU),Diwali Night – Participant | 2014 | |
| * Oklahoma State University(OSU),CulturalNight– Winner | 2014 | |
| * Oklahoma State University(OSU),Diwalinight-Volunteer | 2013 | |
| * ISTE Student Chapter – Member | 2009-2013 | |
| * Paperpresentationon SET(SingleElectronTransistor)atnationalleveltechnofest | 2012 | |
| * COLORIDOS(Culturalfest)– 1stprize | 2011 | |
| * TECHNO FEST atcollegelevel–Organizer | 2011 | |
| * OPEN HOUSE exhibitionatourcollege – Volunteer | 2011 | |
| * NSS(NationalServiceScheme)–Volunteer | 2010 | |