**AWS, Azure and Devops Engineer**

**Nagasai Bandi**

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**PROFESSIONAL SUMMARY**

* Skilled DevOps Engineer with 3+ years of hands-on experience supporting, automating, and optimizing

mission critical deployments in Azure ,AWS, leveraging configuration management, CI/CD and DevOps

Processes.

* Experience in working on Version Control Systems like **GIT and GITHUB.**
* Hands on experience with SCM tools like **Git** for branching, tagging and version management
* Build Management – Experience in tools such as Jenkins, Maven, Jfrog for build management
* Extensively worked on **Jenkins** by installing, Configuring and maintaining for the purpose of continuous integration **(CI)** and for End to End automation for all build and deployments.
* Extensive Experience in **Jenkins master-slave** for multi machine builds.
* Coordination with Configuration Management to ensure that all applicable environment issues are resolved in advance of production implementation.
* Configure the setup of every release biweekly and monthly on the regular basis for product teams to perform integration testing.
* Involved in designing and deploying a multitude applications utilizing almost all of the Azure services (Including **Vnets, VM’s, Load balancer, application gateway, NSG, storage accounts, log analytics, Availability set, azure scaling**)
* Good Knowledge on azure **IAAS**, **PAAS**
* Good Created CI/CD pipelines for dotnet, java applications in **Azure devops**
* Installation, Configuring, troubleshooting and maintaining the **Tomcat server** and **Apache and nginx web server**.
* Hands experience in **Terraform, powershell**
* Through knowledge on **project life cycle (SDLC)** and **Agile process**.
* Effectively co-ordinate with various functions **development, testing,** environment management, helpdesk within the organization throughout the **SDLC.**
* Experience in various Software Development Life Cycle like **Scrum** and **Agile Methodologies.**
* Highly motivated, self-starting, team player, with a strong desire to learn new technologies and troubleshooting skills.
* Experience in using AWS including creating buckets, loading data into the buckets, **Elastic Load Balancer, Elastic Beanstalk, S3, Glacier, Cloud Front , VPC, Cloud Watch, Cloud Formation, IAM, SNS**.
* Create and establish build process using **Maven** to perform builds efficiently and deployment of the application using **Tomcat**.
* Work on servers on the cloud environment **Amazon Web Services (AWS)**.
* Utilized Linux Admin skills on deployment to make sure the servers are running as expected.
* Hand on experience in delivering container based deployments using **Docker**.
* Having experience in creating custom Docker Images using **Dockerfile**.

Academics

* B.Sc (Computers) from Kakatiya University

Employment Chronicle

* Working as a Cloud and DevOps Engineer in ADP India Pvt Ltd from Aug 2021 to till date.

Technical Skills

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| **Operating Systems** | Unix, Linux and Windows |
| **Version Control Tools** | SVN,VSTS and GIT |
| **Contiguous Integration tools** | Jenkins, Azure Devops |
| **Build Tools** | Maven and Ant |
| **Artifact management tools** | JFrog |
| **Configuration Management tools** | Ansible, Terraform |
| **Bug/ Project Tracking Tools** | Jira |
| **Code Review Tool** | SonarQube |
| **Containerization** | Docker and Kubernetes |
| **Web Servers & Application Servers** | Apache2 and Tomcat |
| **Scripting Languages** | Bash Shell and Python |
| **Cloud Services** | Amazon Web Services (AWS), Azure |
| **Monitoring Tool** | ELK, Nagios and Cloud watch |

Professional Experience

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| Project Name | Banking solutions |
| Client | Citi Bank |
| Project Description | Citi Bank is a soon-to-be federally chartered bank in Canada, owned and operated by [Meridian Credit Union](https://en.wikipedia.org/wiki/Meridian_Credit_Union). Meridian is the fourth largest credit union in Canada, and the largest credit union in Ontario, serving more than 275,000 members with total assets under administration of over $14 billion. Meridian offers banking, wealth management, credit products and services through 86 branches, and eleven Commercial Business Centres. |
| Duration | Aug 2022 to till date |
| Role | Azure DevOps Engineer |
| Environment | Azure Devops ,Git, Jenkins, Maven, Docker, Linux, bash Shell scripting |

**Roles & Responsibilities**

* Developing the utility scripts to effectively reduce the time and manual effort.
* Focused on automation and integration.
* Contributing in the DevOps team to maintain and build out our infrastructure and servers currently operating on AWS platforms.
* Involved in Create/Enhance/automate build and deployment processes for each release and backup, restore and upgrade.
* Involved in designing and deploying a multitude applications utilizing almost all of the Azure services (Including **Vnets, VM’s, Load balancer, application gateway, NSG, storage accounts, log analytics, Availability set, azure scaling**)
* Good Knowledge on azure **IAAS**, **PAAS**
* Good Created CI/CD pipelines for dotnet, java applications in **Azure devops**
* Installation, Configuring, troubleshooting and maintaining the **Tomcat server** and **Apache and nginx web server**.
* Hands experience in **Terraform, powershell, ARM templates**
* Hands on experience with Configuration Management Tool such as **Ansible**.
* Through knowledge on **project life cycle (SDLC)** and **Agile process**.
* After complete of the scripts development and process setup, execute the builds and deployments to all above environments based on weekly scheduled build.
* Perform smoke/sanity tests for the applications deployed and also troubleshoot the application for the issues that arise as part of the smoke test process.

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| **Project Name** | Westfield Insurance |
| **Client** | Westfield |
| **Project Description** | Westfield will be admired as a leading personal and commercial lines property-casualty insurance company enabled by an exceptional team known for expertise and caring. We will be distinguished by excellence in commercial insurance, and customers will choose us for our insight about risk and the value we deliver. |
| **Duration** | Aug 2021– July 2022 |
| **Role** | Build & Release Engineer |
| **Environment** | SVN, Jenkins, Maven, Jfrog and AWS |

**Roles Responsibilities**

* Administered Subversion (SVN) repositories source tree and user account administration, branching, merging, patch fixes, snapshots, and training users on the systems.
* Managed daily builds and releases to all the environments.
* Debugged build failures and worked with developers and QA personnel to resolve related issues.
* Working and periodically meeting with Enterprise Architects, Project Managers, Scrum Master, Vendors, Developers and Deployment Managers to define and implement a Software Configuration Management solution.
* Experience in using AWS including creating buckets, loading data into the buckets, Elastic Load Balancer, Elastic Beanstalk, S3, Glacier, Cloud Front , VPC, Cloud Watch, Cloud Formation, IAM, SNS.
* Experienced in defining various branching, labeling and merging strategies.
* Experienced in defining various build and release workflows.
* Prepared Maven builds and integrated to CI Environment for build automation activity.
* Installed and configured Jenkins with different tools (plug-ins) for continues integration process.
* Help Development teams automate the environment setup using tools like ANSIBLE.
* Designing and implementing fully automated server deployment by using technologies like ANSIBLE.
* Installation and configuration of Tomcat and web sphere for different project teams.
* Quick resolution to the build failures by coordinating with different stakeholders.
* Build and deployed J2EE application in Web sphere from Jenkins by invoking required scripts.
* Setting up deployment regions and automate deployment process to release environments.
* Implemented the automation scripts (Batch, shell Script) for deployment process to different environments.
* Automated nightly build, test, and reporting mechanisms using Jenkins.
* Proactively seeks opportunities to implement improvements to internal development processes.
* Responsible for ensuring the impacts of the released software for stakeholders by scheduling reviews as required.
* Working closely with offshore resources and providing support and advice on best practices for SCM and build automation.