

# EDWIN INBARAJ DEVAN

DevOps Engineer

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## PHILOSOPHY:

“To tread on the path of success, with an innovative approach towards work and proving to be an asset to the organization of high repute.”

## Experience Details:

- **Total Experience:** Extensive 5 years of experience in IT industry worked with multiple technologies and teams. 3 years of DevOps Practice/ Build and Release management team and 2 years of experience in Microsoft Exchange with CGI Pvt Ltd.
- **Current Employee:** CGI, 13<sup>th</sup> July 2016 – Ongoing

## Skill Set:

Operating Systems	Windows, Linux, CentOS/Red Hat
Application Server	Tomcat
Version Control Tool	GIT
Continuous Integration Tool	Jenkins
Ticketing Tool	Service now
Build Tool	Maven
Scripting	Shell
Process	Agile (Scrum Team)
Monitoring Tools	Nagios
Cloud Environment	AWS
DevOps Tools	Git, GitHub, Maven, Jenkins, Ansible, Docker, Kubernetes.

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## DevOps Engineer

### DevOps Expertise:

- ✓ **3+** years of Professional Experience as a **Build & Release engineer, DevOps engineer**, Development, optimization support and administration.
- ✓ **3+** years of experience in **Configuration Management** tool **Ansible**, Good in writing Playbook. Having good knowledge in **Release management**.
- ✓ Expertise in **DevOps, Release Engineering, Configuration Management, Automation**. It includes, Maven, Jenkins, Ansible, GitHub, Tomcat, Windows & Linux etc.
- ✓ Good understanding of the processes in Software Development Life Cycle. Hands on Experience on Deployment for Java Applications.
- ✓ Good Hands on Experience in Version control tools **GIT**.
- ✓ Experience in branching, tagging and maintaining the version across the environments working on Software Configuration Management (SCM) tools like **GIT**.
- ✓ Extensive experience with software Build automation and standardization tools like **Maven**.
- ✓ Extensively worked on **Jenkins** and **Hudson** by installing, configuring and maintaining for the purpose of continuous integration (CI) and for End to End automation for all build and deployments.
- ✓ **Administering Jenkins** and secured Jenkins with role-based access controls and matrix-based project access.
- ✓ Hand-On experience in Build and Deployment of **CI/CD** pipelines, managing projects often includes tracking multiple deployments across multiple pipeline stages (Dev, Test/QA staging and production).
- ✓ Involved in Installing Jenkins on a Linux machine and created a master and slave configuration to implement multiple parallel builds through a build farm.
- ✓ Experienced with Continuous Integration / Continuous Deployment Tools as **Jenkins** and **Hudson** and strong experience with Maven Build Frameworks.
- ✓ Managed environments **DEV, QA, UAT** for various releases and designed instance strategies
- ✓ Experience in using **Nexus** and **Artifactory Repository** Managers for Maven builds.
- ✓ **2** years of experience in deploying **EAR, JAR**, and **WAR** in **Tomcat, Application Servers** in **Linux/Windows Environment**.
- ✓ Administration various environments in software development life cycle (SDLC) Windows, Ubuntu, Red Hat Linux and CentOS.
- ✓ Creation of Clusters for Load Balancing and to provide Failover Environment.

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- ✓ Experience working on several **Docker** components like Docker Engine.
- ✓ Ability to build deployment, build scripts and automated solutions using scripting languages such as **Shell scripting(Bash)**.
- ✓ Experience writing **Shell** scripts to automate the deployments.
- ✓ Closely worked with development, QA and other teams to ensure automated test efforts are tightly integrated with the build system and in fixing the error while doing the deployment and building.
- ✓ Well versed with deploying/configuring/tuning Enterprise Applications in **Tomcat**, almost 2 years of experience.
- ✓ Worked on web servers like Apache and application servers like **Tomcat** to deploy code.
- ✓ Hands on experience in deploying, maintaining, and troubleshooting of applications in Tomcat environment.

### AWS Expertise:

- ✓ Created highly available and scalable infrastructure in AWS cloud by using various AWS services like EC2, VPC, RDS, Route53, ELB, Auto scaling etc.
- ✓ Created AWS Route53 to route traffic between different regions.
- ✓ Constructed AWS Security Groups which behaved as virtual firewalls controlling the traffic allowed to reach one or greater AWS EC2 instances.
- ✓ Worked on storage service Amazon S3 to store and retrieve media files such as images and used Amazon Cloud Watch monitor the application and to store the logging information.
- ✓ Configure ELB for distributing incoming application traffic across multiple EC2 instances
- ✓ Monitoring the server using performance tools, experience troubleshooting performance related issues (CPU, Memory, Network, disks).
- ✓ Created Users, groups, Policies, Roles by using Amazon IAM to provide right access to the users and protect the Cloud environment by external users.
- ✓ Used Security groups and Network Access Control List (NACL's) to isolate the customer-facing public network, Web Servers, and database servers.
- ✓ Experience in VPC, Network architecture using Amazon web services.
- ✓ Monitor AWS resources using Amazon CloudWatch and track events using CloudTrail.
- ✓ Documenting the billing information of the environment on a regular basis.
- ✓ Creating users and providing the access details to them for accessing the server launched based on the requirement from the client end.

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## Professional Experience:

### Projects:

#### **#1. Healthnet**

Client : Centene

Duration: 2019 - ongoing

### Description:

Health Net, Inc. is an American health care insurance provider. HMO, POS, insured PPO and government contracts subsidiaries provide health benefits to approximately 5.9 million individuals in all 50 states and the District of Columbia through group, individual, Medicare, Medicaid, Tricare and Veterans Affairs programs. Health Net's behavioral health services subsidiary, MHN, provides behavioral health, substance abuse and employee assistance programs (EAPs) to approximately 7.3 million individuals in various states, including the company's own health plan members.

### Roles and Responsibilities:

- ✓ Performed software configuration/release management activities for three different Java applications. Implemented maintained the branching and build/release strategies utilizing, design and maintenance. Repositories, views, and the access control strategies of GIT.
- ✓ Involved in periodic archiving and storage of the source code for disaster recovery.
- ✓ Experienced in Software Development Life-Cycle, Incident, Problem, Change, and Release Management practices.
- ✓ Implement, maintain and improve Continuous Integration services with AWS.
- ✓ Used MAVEN as build tools on Java projects for the development of build artifacts on the source code.
- ✓ Automated the build and release management process using Jenkins including monitoring changes between releases.
- ✓ Executed user administration and maintenance tasks including creating users and groups, reports and queries.
- ✓ Documented project's software release management procedures with input decisions.
- ✓ Provided periodic feedback of status and scheduling issues to the management.
- ✓ Kept track of all the releases and request of the developers through Infrastructure management tool.

### Environment:

DevOps, CI(Jenkins,Git,Github,JFrogArtifactory,Maven), CD(Ansible), CT(Selenium 3.12), AWS(EC2,S3Bucket,IAM,VPC,Cloudwatch), JIRA 7.1, Python3,Shell Scripting, Tomcat Server, Linux/RedHat

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## DevOps Engineer

### #2. Estore

Client: Symantec (USA)

Role: Devops and Release engineer.

Duration: October 2018 – August 2019

### Description:

eStore is an ecommerce based application that enables customers to buy Symantec products and services online. It provides different flows and options depending upon the source of customers (e.g. new customer, renewal). estore is customized based on countries and languages.

### Responsibilities:

- ✓ Created best practices for branching & Merging Strategy to maintain the source code in the GIT version Control Systems .
- ✓ Responsible for creating branches, merging and resolving merging conflicts .
- ✓ Implementation/setup continuous project build and deployment delivery process using Subversion, Git, Jenkins, Tomcat .
- ✓ Administered the automatic build process to ensure correct build execution, and resolved the build issues.
- ✓ Configuring new jobs in Jenkins as per the requirement from dev team .
- ✓ Automated build & deployment and CI process for many projects from scratch. Wrote build files and created jobs in Jenkins.
- ✓ Configuration of nodes/slaves for Jenkins to optimize and smooth running of build jobs ..
- ✓ Configuration of Build Automation tools and Continuous Integration concepts by using tools like Ansible, Maven, Jenkins. .
- ✓ Was involved in creating Docker Containers, images & taking back-up of images in Docker-Hub.
- ✓ Configuration of Ansible and Creating playbooks.
- ✓ Configuration of Groups, roles and creation and assign to particular node

### Environment:

DevOps, CI(Jenkins,Git,Github,JFrogArtifactory,Maven), CD(Ansible), CT(Selenium 3.12), AWS(EC2,S3Bucket,IAM,VPC,Cloudwatch), JIRA 7.1, ,Shell Scripting, Tomcat Server, Linux/RedHat.

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## #3. Microsoft Exchange Application.

Client: Suncor

Duration: July'2016 – September'2018

### Responsibilities:

- ✓ Worked on Exchange 2003, 2007, 2010 and 2013 servers.
- ✓ Working on Requests/Incidents/Change Requests.
- ✓ Co-coordinating and communicating with CDMs, onsite team about any known or ongoing issues.
- ✓ Maintaining worklog tracker on daily, weekly and monthly basis for billing purpose.
- ✓ Responsible for reviewing and testing all Change Request in UAT environment before implementing it in productions.
- ✓ Checking the daily weekly and monthly Server Health Check reports.
- ✓ Involvement in end to end testing activities on transition from Lync 2010 to Skype for Business 2015.
- ✓ Involvement in migration of mailboxes from 2007 to 2010 server (User mailboxes) and from Exchange 2007 to 2013 server (User mailboxes, EV).
- ✓ Involvement in migration of PST files to EVault through FlighDeck, checking on the related issues faced on Server and Client end.

### Environment:

MS-2008, Exchange 2010, 2013, O365, LYNC.2013

### Academic Qualification:

**B.E in Electronics and Communication Engineering from Gopalan College of Engineering and Management, Bangalore (2011-15).**

Standard	Board	Backlog	Aggregate
B.E (2011-15)	V.T.U	None	68%
12 <sup>th</sup> (2011)	State	None	67%
10 <sup>th</sup> (2009)	I.C.S.E	None	74%

I declare the information given above is true to the best of my knowledge and belief.  
Testimonials and support would be presented as and when demanded.

Place: Bangalore

Signature

Date: 28/06/2021

(Edwin Inbaraj Devan)