

Bharadwaj Deepak Mohapatra

DevOps Engineer at YTek Innovattive (OPC) PVT LTD

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Profile summary

DevOps Engineer, who loves to automate, increase the ability and quality of software releases, focusing my skills on areas like Ansible, Version control systems, Continuous Integration systems, Continuous Delivery, Standardize Release Management, Docker, Kubernetes etc. with 4 years of experience in DevOps tools.

Portfolio of Experience

- ✚ Having 4+ years of IT Industry experience with **Configuration Management, Build, Deploy, Release Management and Quality Assurance.**
- ✚ Ability in managing all aspects of the software configuration management process including **code compilation, packaging, deployment, release** methodology and application configurations.
- ✚ Good experience in using Build Automation scripting like Apache, **ANT** and **Maven**.
- ✚ Hands-on experience with version control tools like **Git, GitHub** and **BitBucket**.
- ✚ Experience in demonstrated understanding of source control management concepts such as **Branching, Merging, Labeling / Tagging** and Integration.
- ✚ Expertise in DevOps, Release Engineering, Configuration Management, Cloud Infrastructure, Automation. It includes **Azure, Amazon Web Services (AWS), Jenkins, GitHub, Tomcat, JBoss** and **Linux** etc.
- ✚ Good working experience on **Linux** Operating Systems and **ShellScript**.
- ✚ Experienced in **Jenkins** to perform **Nightly builds** and Milestone builds and **Continuous Integration**.
- ✚ Set up Linux OS on local and in the cloud on AWS **EC2**.
- ✚ Hands on experience with version control tools like **Git, GitHub, BitBucket**.
- ✚ **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.
- ✚ **Experience in end to end building and Deploying and configuring process and implementation from local QA environment to UAT and Production.**
- ✚ Having good knowledge in Amazon EC2 technologies **EC2, EBS, Autoscaling**, monitoring and elastic load balancing.
- ✚ Experience in using **Tomcat** web servers for deployments and for hosting tools.
- ✚ 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.
- ✚ Hands-on experience in automating the build process using **JENKINS CI** Tool
- ✚ Good experience in deploying the build artifacts in **Tomcat** Server and **Wildfly**.
- ✚ Work done a ticketing tool like **JIRA**.
- ✚ **Docker** installation and image setup.
- ✚ Creating a custom image from a **Dockerfile**.
- ✚ Working on Docker file Directives : **USER, RUN** and **ENV**.
- ✚ Using Docker **Building a Web Farm for Development**.



Ability to accept challenges, learn and grow in a good profession manner.

Technical Skills

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|-------------------------------|---|
| Operating Systems | : LINUX & Windows |
| Version Control Tools | : GIT |
| Build Tools | : ANT, MAVEN |
| Application Server | : Apache Tomcat, JBoss7.1 and Wildfly10, HTTP |
| Artifactory Repositories | : JFrog |
| Continuous Integration Tools | : Jenkins |
| Continuous Monitoring Tools | : Nagios, New Relic |
| Cloud Services | : Azure, AWS |
| Container Services | : Docker |
| Configuration Management Tool | : Chef, Ansible |
| Continuous Code Inspection | : SonarQube |
| Database | : Oracle10g |

Educational Qualifications

Working as a DevOps Engineer B.Tech in Electronics and Telecommunication Engineering from Biju Patnaik University of Technology, Odisha.

Professional Work History

Projects Details:

Project: #2

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|-------------|---|
| Title | : OpSERV |
| Environment | : Jenkins, GitHub, Maven, Apache Tomcat App Server, Linux |
| Duration | : Feb 2022 to till Date. |
| Role | : DevOps Engineer |

Description:

OpSERV enables effective collaboration between commercial operations teams and sales forces and empowers them to make efficient decisions that can be implemented quickly.

OpSERV is a cloud-based unified commercial operations self-service platform that integrates the various sales planning, incentive compensation and reporting business processes through intuitive visualization, simplified work flows, and seamless visualization.

Job Responsibilities:



- Jenkins continuous integration server installation and configuration for all GIT Repositories.
- Automating the Build process using **Git and Maven**.
- Configured **Git with Jenkins** and schedule jobs using **Poll SCM** option.
- Automated application packaging and deployments.

- ✚ Automated the Build Process using **Jenkins** and handled the complete Build and Release process including code, documentation and supporting testing team along with the server Administration. Integrated **GitHub** into **Jenkins** to automate the code check- out process
- ✚ Managed Linux staging and testing environments.
- ✚ Established coding standards and enforced them through automated tools (SonarQube). .
- ✚ Educated team about continuous integration and automated testing practices and supported them throughout development.
- ✚ Configured Jenkins to implementing healthy builds on a daily basis and generated a change log that includes changes happening from last 24 hours.
- ✚ Integrated Testing Tools like JUnit which provide unit testing and code coverage with detailed graphical reports.
- ✚ Deployed and configured using Chef
- ✚ Connected continuous integration system with GIT version control repository and continuous build as the check-in's come from the developer.
- ✚ Analyze and resolve conflicts related to merging of source code for Git.
- ✚ Written ShellScripts for build automation and deployment.
- ✚ Defined branching and merging strategies.
- ✚ Manual installation and configuration of Apache Tomcat and Jboss Application Servers.
- ✚ Involved in automation of deployment and configuration process using Ansible.

Project: #1

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|--------------------|--|
| Title | : ADAPT CLIENT |
| Environment | : GitHub, ANT, Maven, Apache Tomcat App Server, Jenkins, Linux |
| Duration | : Dec 2019 to Jan 2022. |
| Role | : DevOps Engineer |

Description:

The ADAPTCLIENT is the management tool focused on providing access and visibility to intellectual capital which are in form of Maps, coordinates, power distributions. It is the trusted source for offering-aligned assets, providing a quick and easy way for you to access powerful assets in context, whether you are selling or delivering solutions.

Job Responsibilities:

- ✚ Used the Ant and Maven for building war files.
- ✚ Setting up the build and deployment automation for java-based Projects by using **Jenkins** and **Ant**.
- ✚ Creating jobs using Jenkins.
- ✚ Integrated **GitHub** into **Jenkins** to automate the code check-out process
- ✚ Verify deployment logs to check for successful deployments.
- ✚ Trouble shooting application related issues by log verification.
- ✚ Worked on Jenkins by creating and scheduling jobs, builds and deployments.
- ✚ Configured the Jenkins with GitHub repository.
- ✚ Created Git Repositories and specified branching strategies that best fitted the needs for the client.

- ✦ Configured the SonarQube with Jenkins server.
- ✦ Configured the LDAP with Jenkins for security.
- ✦ Configured the JFrog Artifactory repo with Jenkins.
- ✦ Used Ant and Maven as a build tools on java projects for the development of build artifacts on the source code.
- ✦ Defined branching and merging strategies.
- ✦ Deployed the java applications into web servers like Apache Tomcat.
- ✦ Connected continuous integration system with GIT version control repository and continually build as the check-in's come from the developer.

I hereby declare that the above-mentioned information is correct up to my knowledge and I bear the responsibility for the correctness of the above-mentioned particulars.

Place: Bengaluru

Bharadwaj Deepak Mohapatra