

## DevOps ENGINEER

NIKHIL R N

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### PROFESSIONAL SUMMARY:

- 9 years of work experience in the domain of Build and DevOps Engineering.
- Automated Build and Deployments for projects using Maven and CICD Pipeline.
- Good Experience in Cloud Technologies like AWS and Azure.
- Primary Job on AWS is to work on EC2, ECS, LAMBDA, SQS, S3, CFT, Cloud Watch.
- Well versed with configuration management, version control systems, build automation tools and Management of application servers (Cloud services).
- Good hands on experience in writing PowerShell and Linux script file to automate the build process
- Good Knowledge and working experience on Administration of GIT/Subversion (SVN)- Version Control tool.
- Experienced in setting up branching, tagging and merging the source code between multiple branches and taking regular backups of the source in GIT and SVN.
- Extensive experience in using Continuous Integration tools like Jenkins/Hudson, Bamboo and Octopus. Configured jobs for essential builds.
- Good experience on deployments of the Java applications and .net applications.
- Worked closely with Development and QA team to resolve complex build /deployment issues through all the phases of the development.
- Good at documenting and implementing procedures related to build and deployment environment like Build planning procedures.
- Have good knowledge Monitoring tools like Grafana AppDynamics APM and Kibana and checking the logs for exception and errors.
- Good knowledge in scripting languages like Shell Scripting and PowerShell Scripting.
- Strong communication skills with an ability to grasp new things quickly.

### PROFESSIONAL EXPERIENCE:

- Team Lead at **“Tech Mahindra”, Bangalore** from Jan 2020 - till date.
- Lead Engineer in **“HCL Technologies”, Bangalore** from June 2016 TO - Jan 2020.
- Build and Release engineer in **“Milan Infotech Pvt Ltd”, Bangalore** from March 2012 – June 2016

## TECHNICAL SKILLS:

- Version Control Tools : GIT and SVN
- Continuous Integration Tools : Hudson/Jenkins, Bamboo and Octopus
- Cloud Services : AWS and Azure
- Application/Web Server : Apache Tomcat, JBoss.
- Operating System : Red hat Linux/Unix, windows
- Scripting : Shell scripts and PowerShell Scripts
- Miscellaneous : Bitbucket, Jira, AppDynamics, Kibana and Grafana and Wiki

## EDUCATION:

- Bachelor of Engineering (Information Science) from Bangalore College of Engineering and Technology (Visvesvaraya Technological University/VTU), Bangalore, Karnataka.
- XII from Anubhava Mantapa PU College, Davanagere (Dist), Karnataka State Board.
- X from Swamy Vivekananda High School Davanagere (Dist), Karnataka State Board.

## PROFESSIONAL PROJECTS:

### PROJECT #1: IPortal:

IPortal is a java based web application, which is mainly used by the Technical Support team. IPortal is designed to store all the device details of the customer. Whenever support teams get any issue related to the devices, they would login to the IPortal and search for the customer name to find the particular device name.

- **Client:** General Data Tech. US.
- **Tools:** ANT, SVN, JENKINS, TOMCAT, LINUX/UNIX
- **Role:** BUILD AND RELEASE ENGINEER.
- Creating a Labels and support branches.
- Manage code repositories (branching, labeling etc.).
- Adding /Deleting, Permissions and Customizing Views and Branches.
- Coordinate build and deploy activities.
- Involved in the release process and deployed applications (WAR, EAR and JAR) to the Tomcat.
- Identify root cause, and resolve problems.
- Running and monitoring nightly builds in all UNIX platforms.

- Implemented Jenkins for Continuous Integration Builds and Notifications exclusive for Dev as a self-help feature.
- Performing installation testing on builds before handing over to QA team.
- Worked with developers, QA and Product support teams to identify and resolve build problems.
- Review build results, debug and optimize complex builds, and discuss technical issues with developers, architects, and managers.
- Develop and maintain build and release process documentation.
- Performed SCM tasks, such as check-in, checkout, branching, tagging and merging code from development branches to main branch and main branch to development branches.
- Assisting development team in resolving issues with build, environment, SCM and tools.
- Perform code build and deploy (Unix and Windows)
- Automated the build and deploy tasks using ANT.
- Performing the Merging activities.

## **PROJECT #2: PRIME INFRASTRUCTURE**

This is an infrastructure management project and basic objective of this project is to deal with the managing routers and switches in the network. This application is based on Java technology. For this, we have to schedule the tasks and have to collect code from development team and have to build and deploy the code. Later have to support the release management team of which executing Java applications build and deployments in Dev, QA, performance and production environments.

- **Client:** CISCO. US AND INDIA.
  - **Tools:** GIT, MAVEN, TOMCAT, JENKINS & LINUX.
  - **Role:** LEAD ENGINEER.
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- Create branches for various code line deliveries and co-coordinating parallel development to the main code base after every PRODUCTION release
  - Setting up build server for continuous integration with Jenkins for daily/nightly and weekly-based builds.
  - Communicating with Development teams in advance for all PRODUCTION releases planned.
  - Have Supported 24/7 timeline for Project and helped them in extended hours when no one was available in night shifts.
  - Communicated with Development teams in advance for all PRODUCTION releases planned.

- Setting up/Monitor build server for continuous integration with Jenkins for daily/nightly and weekly-based builds.

### PROJECT #3: REVEAL FSD and WORK ADMIN

- **Client:** Verizon India and Ireland
- **Tools:** Bamboo, Jenkins, Octopus, Azure, AWS, Visual Studio, AppDynamics, Kibana and Grafana
- **Role:** TEAM LEAD
- Primary Job on AWS is to work on EC2, ECS, LAMBDA, SQS, S3, CFT, Cloud Watch.
- Secondary Job is on Azure for WrokAdmin.
- Good Experience in creating the EC2 Instances, ECS Clusters and Cloud Formation Template
- Experience in creating the Cloud Watch Log gropus, Lambda, S3 bucket and SQS queue
- Good knowledge in the troubleshooting tools like AppDynamics, Kibana and Grafana
- Sound knowledge on creating the CICD Pipeline to automate the build and deployments over the cloud services.
- Provided support to the team for the Production issue on 24/7 timeline.

### ACHIEVEMENTS:

- Extra Effort Award towards product delivery – **HCL Technologies.**
- Pat on the Back Award – **Tech Mahindra.**

### PERSONAL DETAILS:

Permanent address	: #693/1, Shiva Parvathi Nilaya, 4 <sup>th</sup> Cross, Vidya Nagar, Ranebennur (P) (T), Haveri, Karnataka. India (pin code: 581115)
Date of Birth	: 4 <sup>TH</sup> Dec 1989
Sex	: Male
Marital Status	: Single
Nationality	: Indian
Languages Known	: English, Hindi, Kannada and Telugu.