

Gajalakshmi S

R & D Engineer (DevOps)

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Skilled DevOps Engineer with more than 4 years of experience supporting, automating, and optimizing application deployments, leveraging configuration management, CI/CD and DevOps processes. Ready to work closely with both teams and customers to identify and implement most efficient solutions for process improvement.

Skills

Version Control (GIT, TFS)
Continuous Integration (Jenkins)
Build Tools (CMake, Maven)
Amazon Web Services (AWS) Deployments
Cloud Automation (Terraform)
Docker
Good Knowledge on Kubernetes Deployments (EKS, Helm)
Monitoring (Grafana)
Scripting (Shell, Python)
Incident Management (TFS/Jira)

Work History

2019-01 -
Current

R & D Engineer (DevOps)

ABB Technologies, Bangalore, Karnataka

- Define and drive end-to-end agile DevOps based software development life cycle with end to end automation in mind (Tools & Processes)
- Integrate GIT with Jenkins; GIT pulls the Application Code and Infra Code and passes it to Jenkins
- Work extensively on version code control systems such as TFS (GIT as a Utility)

- Integrate Artifactory with Jenkins, for publishing of Build Artifacts
- Create terraform templates for deployment of applications in AWS (using different resources like EC2, EBS, Route53, IAM, ELB, AutoScaling, etc.)
- Work on build tools such as CMake, Maven and integrate it with Jenkins for Deployments
- Create Docker files for developing an Automated build environment through Jenkins, and publish Docker images
- Configured Downstream and Upstream jobs in Jenkins to create a flow of process
- Automated the process of publishing artifacts to the hardware and restarting the hardware once the artifacts are in place.
- Familiarised with SDLC and DevOps workflow
- Track issues through TFS
- Create monitoring dashboards and monitoring the log-analysis tools such as Grafana
- Conduct CM audits for build releases

2016-06 -
2019-01

Services IT Development Senior Associate

NTT Data Services, Bangalore, Karnataka (Formerly Dell International Services)

- Integration of Jenkins with CMake for builds of embedded system projects
- Provisioned Jenkins for the build and deployment process
- Automate Integration Tests for embedded system projects Automate Smoke Tests for embedded system project
- Scripting on Shell and Python for automating the CMake build process
- Implemented Build process via Jenkins Declarative and Scripted Pipeline
- Integration of Source Code Management and Jenkins to implement fully automated build for code commits to BitBucket
- Created Docker files and testing of Application using docker based environment (SandBox)

Education

B.E in Computer Science from East Point College of Engineering and Technology (2012-2016) - 76.09%

Pre-University from St, Joseph's College, Bangalore (2010-2012) - 83%

Standard 10 from St. John's High School - ICSE, Bangalore (2010) - 74.28%