



Dhruvajyoth Reddy K
DevOps / Build & Release Engineer
E-Mail: dhruv.kommuri90@gmail.com
Web URL: <https://kdhruvajyothreddy.github.io>
Contact: +91 8885565568

PROFESSIONAL SUMMARY:

- Skilled professional with overall work history of 5 years, but close to 3 years of experience in CI/CD (Continuous Integration / Continuous Deployment) process, background in Build and Release Management, AWS Cloud Operation and Deployment automation.
- Excellent understanding of SDLC, Traditional and Agile methodologies.
- Work within and across Agile teams to design, develop, test, implement, and support technical solutions across a full stack of development tools and technologies, and tracking all stories on JIRA and VersionOne.
- Expertise in writing shell scripts for deployment of Java applications.
- Broad understanding of Java development.
- Worked on Ubuntu and CentOS environments.
- Good understanding of the DevOps philosophy
- Strong knowledge on source controller concepts like Branches, Merges and Tags
- Expertise in using Maven build tool for the building of deployable artifacts such as wars and jars from the source code.
- Familiar with integrating Junit, PMD and other code quality Tests as a part of build process.
- Managing and supporting Tomcat application server
- Involved in the functional usage and deployment of applications in WebSphere and Tomcat servers
- Proficient in build tools like Jenkins to automate and precompile the code for the build process
- Automate deployments through Ansible.
- Experience in Logging and Server Monitoring to troubleshoot whenever necessary.
- Managed Kubernetes pods, Docker containers and used Docker Swarm for orchestration.
- Good understanding of the principles and best practices of Software Configuration Management (SCM) in Agile, Scrum and Waterfall methodologies
- Experience in Administration/maintenance of source control management system, such as Git.
- Good working experience in troubleshooting the problems generated while building, deploying and in production support.
- Good communication, interpersonal, intuitive, analysis with ability to work efficiently in both independent and team work environments.

TECHNICAL SKILLS:

DevOps skills	Aws, Ansible, Docker, Kubernetes, Jenkins, GitHub, Nexus, Jira, Maven & Apache Tomcat.
Build/CI Tools	Maven, Ant, Jenkins, Ansible, Nexus, Sonar, Docker, GIT and GitHub
Application Server	Apache Tomcat
Scripting Languages	Shell scripting
Operating Systems	Windows, LINUX, Ubuntu.
Database	Oracle 11g & Mongo

Monitoring Tool	CloudWatch
Cloud Technology	AWS EC2, ELB, EIP, EFS, EBS, Auto Scaling, Route53, Elastic Beanstalk, RDS, VPC, VPC Peering, Cloud Watch, Cloud Formation, IAM, SQS, SES, SNS & Cloud
Networking Protocols	Ethernet, TCP/IP, HTTP, HTTPS

EDUCATION QUALIFICATIONS:

- Master of Science in Information Technology, University of the Cumberland, Williamsburg, KY 2018 – 2019 (discontinued)
- Master of Science in Information Systems, Virginia International University, Fairfax, Virginia 2014 – 2015

CERTIFICATIONS

- AWS Certified Solutions Architect – Associate

Validation URL:

<https://www.certmetrics.com/amazon/public/badge.aspx?i=1&t=c&d=2019-07-02&ci=AWS00965835>

Certificate ID: AWS00965835



PROFESSIONAL EXPERIENCE:

Client: HPE, Herndon, VA
Role: Junior DevOps Engineer

Sept 2016 to Sept 2018

Responsibilities:

- Created Shell scripts for automation of different application deployments respectively to different environments like DEV, SIT, CAT etc.
- Deployed Java applications in Tomcat application servers.
- Automated the build process using Jenkins and scheduled build jobs daily for the sanity check of the Java code checked in by the developers.
- Created jobs in Jenkins to build applications using Maven. In addition, developed scripts to deploy artifacts in different environments.
- Created Branches and performed Merges using Git.
- Worked efficiently with applications development team to implement, test and rollout new patch releases.
- Involved in periodic archiving and storage of the source code for disaster recovery
- Automated weekly releases with Maven for compiling Java code, debugging and placing builds into Maven repository.
- Worked closely with developers to pinpoint and provide early warnings of common build failures.
- Created monitors, alarms and notifications for EC2 hosts using Cloud watch, and Nagios, ELK stack to monitor services other than AWS and real-time application logs streaming.
- Worked on container-based deployments using Docker.

- Trouble-shoot Continuous integration and automated deployment and management using Jenkins, Ansible, Maven, Kubernetes, Docker and Docker Swarm.
- Used both Kubernetes and Docker Swarm in different projects for container orchestration.
- Creating S3 buckets and managing policies for S3 buckets and Utilized S3 bucket and Designed policies.
- Administration of Load Balancers and Auto scaling for high availability.
- Performed User and Password management using AWS IAM.
- Implemented AWS S3 to back up the database instances and to save the snapshots of data.

Client: USPS, San Mateo, CA
Role: Build and Release Engineer

Jan 2016 to Aug 2016

Responsibilities:

- Installing, configuring and administering Jenkins CI tool on Linux machines. Developed build and deployed processes for Pre-production environments.
- Automated weekly releases with Maven for compiling Java code, Debugging and placing builds into Maven repository.
- Used GitHub as source code repository.
- Implemented the setup for Master slave architecture to improve the performance of Jenkins
- Used Jenkins for Continuous Integration and deployment into Tomcat Application server.
- Installed and configured the Nexus repository manager for sharing the artifacts within the company
- Releasing code to testing regions or staging areas according to the schedule published
- Participated in Product release and patches
- Used Jira as ticket tracking and work flow tool.

Client: Advanced Business Solutions (start-up), Hyderabad, India
Role: Qualitative Market Research Consultant

Jan 2012 – Dec 2013

Responsibilities:

- Conducted research and managed the collection and analysis of data to identify market trends, risks and competitive forces and distributed the information to appropriate internal audiences.
- Suggested clients on how to approach Indian market based on the available data.
- Completed an end to end project and helped a German company, as a part of a team, to meet their goal of setting up a pilot manufacturing plant in India.
- Promoted to Qualitative Market Research Consultant after 8 months as Qualitative Market Research Associate.