

Ankita Anand

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Professional Summary



- **3 years** of Professional IT Experience as Build & Release/Cloud DevOps Engineer.
- Proven experience on Branching and Tagging concepts in Version Control tool **GIT**.
- Experience in setting up branching strategies to meet development and testing requirements for Feature branches and merge to Master/Develop.
- Proven experience on Build tools and configuration management tools like **Packer** and **Puppet** for AMI Builds.
- Proven experience on Infrastructure Management tool **Terraform** for deploying customer Specific environments to implementing zero-downtime rolling updates for apps.
- Good experience in automating the build and deployment process by creating **Jenkins** pipelines for different apps.
- Proven experience on Jenkins CI tool- Configured Groovy jobs for regular Source code Builds and Nightly & Milestone builds and mail alerting system.
- Responsible for Creating and Maintaining builds and Administering Jenkins failures during deployments and image builds.
- Windows Server 2012 Administration and Patching.
- Managing full AWS Lifecycle, provisioning, automation, monitoring and security along with parallel deployments.
- Having knowledge on creating puppet modules and manifest files and automated manual installation processes using the puppet.
- Having good knowledge of Amazon Web Services like EC2, S3 bucket, ELB, Route53, Cloudwatch, Auto-Scaling, through AWS Console.
- Basic knowledge of WAS, IIS.

- Monitoring the deployments in all the environments, debugging and troubleshooting build and deployment issues and major incident resolutions for prod.
- Communicating with Dev, QA, Delivery, NFT teams to discuss build and release issues and plan improvements/enhancements accordingly.
- Experience in Monitoring tools like **AppDynamics** and **Cloudwatch**.
- Responsible for creating cloud watch metrics and dashboards for monitoring and logging data of production environments.
- Created various profiles and configured the permissions based on the organizational Security Requirements in IAM.
- Worked on Profile Management and Role management.
- Created the Validation Rules, Approval Process and Workflows.
- Having Good Knowledge in Database setup and Sql server setup by means of userdata.

Technical Expertise

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|-------------------------------|---|----------------------------|
| • Source Control Tools | : | GIT |
| • Build Tools | : | Terraform and Packer |
| • Issue Tracking Tools | : | JIRA/ASSYST |
| • CI/CD Tool | : | Jenkins |
| • Config management | : | Puppet |
| • Scripting Languages | : | Shell and Powershell |
| • DB | : | SQL Server |
| • Application Servers | : | Windows EC2 (Web and App) |
| • SSH Tools | : | Putty |
| • Operating Systems | : | Windows |
| • Monitoring Tools | : | Cloudwatch and Appdynamics |

Work Experience

Currently working as Associate Professional(Product Developer) at DXC Technology(formerly CSC and HP Enterprises).

Project: 1

Domain	General Insurance
Project/Product Name	EXCEED CSC
Client <i>rance</i>	AVIVA UK
Role	Devops/ AWS Cloud Engineer (Build & Release)
Development Environment	Windows,GIT,Packer,Terraform, Puppet,AWS, Jenkins

Project Description:

Aviva (formerly Norwich Union) is in the process of implementing Single Platform Program (SIP) migrating all its applications to the single application by implementing Exceed. As a plan of implementation in 2003 – 2004 claims system for personnel automobile and homeowners has been implemented on the Exceed System which involved conversion/migration of database as per the Exceed architecture and customization of the Exceed Claims as per the Norwich Union requirement. Currently they are in the process of decommissioning the existing UWS system and implementing the Exceed UWS System. Till now the UWS System for Personnel Auto, Home Owners and Travel has been implemented and the application frontend has been moved to cloud.

Responsibilities:

- Software Configuration management using **Puppet**(Build and CI/CD using devops tools of **Terraform, packer, Jenkins & GIT**).
- Infrastructure maintenance with specific environment configurations using Terraform state.
- Automated Mail Alerting via Jenkin jobs in Groovy for builds.
- Performance analysis of application for request counts/ service transactions/ CPU and memory utilization.
- Root cause analysis of incident tickets for prod and non prod.
- Created Log Groups and Log streams in Cloudwatch for event and timestamp based monitoring using IAM roles.
- Responsible for Creating Builds and Deployment Plans for CRs and Monthly Releases using Assyt and Confluence.

- After Release, updated Release notes with latest release version and details.
- Verify Deployments logs in S3 to check for successful deployments.
- Responsible for creating slave jobs on remote servers using continuous integration tool Jenkins.
- Creating and maintaining infra for proper working of Dev, QA and higher environments.
- Baking different Images using Packer Tool in bakery and non prod OU.
- Executing BAU activities covering vulnerability fixes, patching, optimizations, production monitoring, automation and config upgrades.
- Deploying Web, App and DB instances in Dev, QA and Higher Environments in AWS cloud using Terraform and Jenkins as per application demands.
- Monitoring Alarms in CloudWatch for Different Services Configured in cloud.
- Monitoring Appdynamics and configuring AppD agents for application flow maps and tiers and nodes related to servers in all regions.
- Working experience on Ticketing tools like JIRA and Assyst.
- Scheduled jobs for servers using cron jobs and Lambda function.

Education

Degree	Institution	Year	Percentage
B.Tech in Computer Science	Guru Gobind Singh Indraprastha University, New Delhi	2017	80

Declaration

I hereby declare that the above information shared by me is true to the best of my knowledge and belief. I assure you that if I am given an opportunity, I will execute my work and responsibilities to the fullest satisfaction of my superiors.

Place-New Delhi
Date-30/09/2020

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