

Vishakha Tyagi

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Profile Summary

2xAWS Certified DevOps Engineer with 6+ years of experience in Automation, 3+ years of experience in AWS, Weblogic Administrator

Career highlights

- Certified AWS Cloud Practitioner, **AWS Solutions Architect - Associate** and **HashiCorp Terraform Associate**
- 3+ years of experience with **AWS**, designing and implementing various solutions in **Cloud Computing**. Hands-on work with **Amazon EC2, RDS, VPC, ElasticBeanStalk, S3, CodePipeline, CodeCommit, Codebuild, CloudWatch, CloudTrail** etc using Infrastructure as Code tools like **Terraform** and **CloudFormation** across multiple accounts in a Landing Zone
- Almost 5 years of experience in **Oracle Weblogic Administration** including installation, patching, test support and production support. Have led 10+ releases into Production from deployment point of view including 4 years of implementing automation processes using **DevOps** methodologies
- Designed, developed and implemented **automated Application and Weblogic installation** throughout ST, SIT, PET and PROD for three simultaneous releases. Also designed and implemented Build and Deployment module for the same application using **DevOps** methodology with tools like Jenkins, Ansible and Chef.

Key Skills

CLOUD COMPUTING: AWS (Amazon Webservices)

IaC Tools: Terraform and CloudFormation

APP & WEB SERVERS: Oracle WebLogic, Apache Tomcat

LANGUAGES/SCRIPTING: Python, C/C++, Shell

AUTOMATION/BUILD TOOLS: Jenkins, Chef, Nexus, Ansible, AWS CodeCommit, AWS CodeBuild, AWS CodeDeploy, AWS CodePipeline

DATABASES: Oracle, MySQL, Postgres

PLATFORMS: Linux and UNIX, Windows

ORACLE PRODUCTS: OSM, UIM, ASAP, Weblogic

Beginner in: Perl, SQL, Ruby, Groovy

Assignments:

PROJECT NAME: EMTU Singapore

COMPANY: BlazeClan technologies

CLIENT: [Redacted]

ROLE: Senior Cloud Engineer

DURATION: Jan 2020 – till date

RESPONSIBILITIES:

- Design and plan solution for client requirement of AWS landing zone for Client's 3-tier web application
- Implementation of a 3-tier web application across 3 environments using Infrastructure as Code tool **Terraform**
- Technical writing for Design and Solution
- CIS hardening through automation on RedHat EC2 instances using Ansible and Jenkins
- Daily operations and monitoring
- Infra support to application team
- AWS Solutions used: VPC, EC2, RDS, Route53, CloudTrail, S3, CloudWatch, AWS SSM, CodeCommit, ELB, etc.

PROJECT DESCRIPTION:

- Landing zone for Client with CIS hardered infrastructure for a multi-tiered web application and cross-account CI/CD pipeline
- 3 application accounts (SIT, UAT, PROD) and 5 management accounts (master, security, shared service, network and log archive) in the Landing Zone

PROJECT NAME: FWD Singapore

COMPANY: BlazeClan technologies

CLIENT: [Redacted]

ROLE: Senior Cloud Engineer

DURATION: August 2019 – Jan 2020

RESPONSIBILITIES:

- Infrastructure for 2 3-tier applications across 4 environments in multiple AWS accounts in a landing zone using Infrastructure as Code tool **CloudFormation**
- Cross-Account build and deployment pipeline for the applications
- AWS Solutions used: VPC, EC2, CodeBuild, CodeCommit, CodePipeline, RDS, CloudWatch, ELB, S3, etc.

PROJECT DESCRIPTION:

- Client Web Application deployment through AWS landing zone solution
- 4 application accounts (UAT, Pre-prod, SIT, PROD) and 5 management accounts (master, security, shared service, network and log archive) in the Landing Zone
- Build pipeline in Shared service which build the code for CodeDeploy using CodeCommit as source repo and CodeBuild to bundle package
- Deployment pipeline in Shared service account for applications across 4 different environments using blue-green implementation in CodeDeploy.
- Each application account contains 2 applications, in total 8 web-applications. All are highly available with autoscaling implementation
- Details monitoring alerts implemented for various API calls and health concerns

PROJECT NAME: Vodafone UK – NewCo

COMPANY: Accenture

CLIENT: Vodafone UK

ROLE: Senior Software Development Analyst

DURATION: November 2014 – August 2019

RESPONSIBILITIES:

- Responsible for OSS application builds, deployments and configuration changes, Application and Weblogic Patches
- Establishing **DevOps processes** for existing pipelines to enhance client delivery
- Provisioning and Maintaining fault-tolerant servers for testing using AWS
- Installing, maintaining, supporting and upgrading J2EE applications in test, development and Production environments
- Extensive experience in PROD deployments
- **Leading releases cycles** through test environments to production
- **Continuous improvement** of project tools and processes

PROJECT DESCRIPTION:

- The Project involves **E2E implementation of Oracle RODOD Stack for OSS and BSS applications.**
- **There are 6 different types of environments – ST/SIT/PET/DR/Pre-Prod & Production.**
- **Basic components** in the project include **Billing (BRM), Siebel (CRM), Order Management (OSM), Inventory Management (UIM), Activation Manager (ASAP) and Fusion Middleware (FMW/AIA/OSB).**

Soft Skills:

I am a quick study and am able to pick up new skills very quickly. This is especially relevant in the tech industry which is extremely volatile.

I am good at communicating both verbally and in the written format. I like using accessible, easily understandable language making sure to be concise and precise. One of my biggest strengths as a team player is managing to be straightforward and transparent without being rude.

Education and Personal Details

BACHELOR OF TECHNOLOGY: ELECTRONICS AND COMMUNICATION, CLASS OF 2014

Jaypee University of Engineering and Technology, Guna, Madhya Pradesh

Grade point secured – 69%

Member of the women's basketball team

SENIOR SECONDARY SCHOOL FROM C.B.S.E BOARD, CLASS OF 2010

International Public School, Bhopal, Madhya Pradesh

Grade point secured – 70.6%

Captain of the Women's basketball team, Multiple publishing in the local newspaper for poetry and short stories, Editor of the monthly "Book Reviews & Recommendation" section of the school Magazine.

SECONDARY SCHOOL FROM C.B.S.E BOARD, CLASS OF 2008

Kendriya Vidyalaya No. 2, Bhopal, Madhya Pradesh

Grade point secured – 86.8%

Sports Captain, Captain of the under-16 Women's Basketball team, District level long-jump and state-level shot-put