DevOps/Cloud Engineer

**Subhasish Achary**

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Career Objective

# Objective

* To utilize my technical skills and my ability to channelize my team working skills in order to be associated with any organization in reaching its vision and also add value to my own career growth. Willing to work as a key player in challenging & creative environment.

Professional Summary

* Education Qualification
* Accomplished professional with 3+ years of diversified experience in **Linux administration**, **Devops, AWS Cloud.**
* Hands on experience in installing and administrating CI tools like Jenkins, and other Tools like Sonar, and Git/GitHub, maven, ansible, JIRA..
* Experience migrating traditional data-center applications and databases into public clouds like **AWS,**
* Experience architecting applications for High Availability**,** Scale-out/ Scale-up, Auto-scaling, minimize/eliminate single points of failure(s), Service SLA Management etc**.**
* Extensive experience in all phases of Software Development Life Cycle (SDLC) in Agile, Scrum, and Waterfall methodologies.
* Experience writing build scripts and automation using Build Automation tools **Maven** .
* Good experience in automated deployment tool **Ansible** .
* Experience working with various AWS Services like EC2, S3, ELB, Auto scaling, Route53, SNS, SES, Cloud Watch, RDS, Dynamo DB, VPC, Elasticache, Cloud Formation, Cloud Front etc.
* Experience in Docker container based environment, Creating customized images and Writing Dockerfiles and push it to the dockerRegistry.
* In depth experience with Cloud methodologies (IAAS, PAAS, SAAS) automation, orchestration in various cloud providers.

Education Qualification

* Education Qualification
* B-Tech from B.P.U.T, Odisha in 2015.

**Technical skills**

Technical Skills

**SCM Tool :**Sonar, Jira,GIT, GitHub.

**Build Tool :**Maven, .

**Servers :**Apache, Tomcat.

**Platforms :**UNIX, Linux, Microsoft Windows / XP/ 2000/7/10,

Red hat Enterprise, centos.

**Scripting :** Shellscripting

**Cofiguration Management Tool:** Ansible

**Virtualization Tool:** Docker

**Cloud Services :** Amazon Web Services: EC2, IAM, Elastic Beanstalk, and

Elastic Load balancer (ELB), RDS (MySQL), Dynamo DB, S3, Glacier,

Route 53, SES, VPC, Cloud Watch Monitoring.

Professional Experience

* Working as a DevOps Engineer in **Larsen & Tubro** from November 2016 to September 2020.

from November 2012 to till date.

Work Experience

Project -2

**Client: Island Hospital**

**Project Name: HMS R1.3**

**Role: DevOps/ Cloud Engineer**

**Responsibilities:**

* Coordinate release activities with Project Management, QA, Release Management and Web Development teams to ensure a smooth and trouble-free roll out of releases.
* Designing a process for pro-automation using Jenkins in all the application environments, and making sure it follows all the standard procedures of the Application SDLC.
* Analyzing the tools and application architecture and implement it on different environments, making it more user-friendly for the application team.
* Used MAVEN as build tools on Java projects for the development of build artifacts on the source code.
* Performed all necessary day-to-day GIT support for different projects and Responsible for design and maintenance of the GIT Repositories, views, and the access control strategies.
* Migrating a production infrastructure into an Amazon Web Services VPC utilizing AWS CloudFormation, EC2, S3, CloudWatch, EBS, Route 53, IAM etc. This included migrating a number of production MySQL databases into RDS/ ElastiCache.
* Maintaining the infrastructure (servers for different data centers) using Amazon Web Services[AWS].
* Set up system for dynamically adding and removing web services from a server using Docker, Nginx.
* Experienced in Writing Ansible playbook using yaml language.
* Worked closely with dev-ops team on configuration management using Ansible.
* Expert knowledge on CI/CD processes drove releases, automated release process.
* Automated deployments across all environments using Jenkins.
* Setting up the automation environment for Application team if necessary, and help them through the process of build and release automation.
* Proposed and implemented several release processes to achieve consistent results and stabilities across environments.
* Monitoring applications health through dashboard. Maintained Nexus administration tasks.

**Environment:** GIT, Maven, Jenkins, Apache Tomcat, Shell Script, Docker, Unix/Linux, AWS, Windows.

Project -1

**Client: Amp Limited – Australia**

**Project Name: E-Banking Application**

**Role: : DevOps Engineer**

**Responsibilities:**

* Automated the front-ends platform into highly scalable, consistent, repeatable infrastructure using high degree of automation using Ansible, Docker, Jenkins, and AWS.
* Participated in weekly release meetings with Technology stakeholders to identify and mitigate potential risks associated with the releases.
* Worked closely with software developers and DevOps to debug software and system problems.
* Supported and developed tools for integration, automated testing and release management.
* Installed and configured a private **Docker Registry**, authored various Docker Files to run apps in containers, experience using multi-container scheduling tools **like Swam, Compose, Kubernetes** etc.
* Scaled the Jenkins cluster and took measures to improve the Performance of Jenkins.
* Used **AGILE MVN** method to develop a build and also **MAVEN** as a build tool.
* Involved in Research of the project application architecture to support/resolve build, compile, and test issues/problems.
* Installing, configuring and administering Jenkins CI tool on Linux machines.
* Developed **Shell** Scripts for automation purpose.
* Installed and Configured the Nexus repository manager for sharing the artifacts within the company.
* Used monitoring tool JIRA and also triaged the issues and maintained bugs using JIRA tool.
* Moving 1500 plus locally hosted apps to cloud and hybrid cloud platform on **Aws**.
* Hands on experience on security groups and network access control lists to enable inbound and outbound filtering at the instance level and subnet level.
* Good understanding of Networking, Route 53, VPC, Data center to Cloud Connectivity, Security Groups, Route Tables/ACL’s etc in AWS Cloud.
* Practical experience on vpc peering.
* Working knowledge on cloud services of AWS: EC2, S3, VPC, EBS, ELB, Auto scaling, Cloud Watch, , IAM, SNS, SQS etc.

**Environment:**  Shell Scripts, SCM, GIT, Jenkins, Maven, Apache Tomcat, Jira, Ansible, Docke ,AWS.

Details

Subhasish Achary,

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