

SATISH ALLU

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Objective

Overall 9+ years of IT experience with **5 years as a DevOps Engineer**, which includes detailed technical knowledge and experience of Build Engineering and Configuration Management Processes, tools, and best practices. Expertise in AWS cloud platform and its services along with good knowledge of DevOps tools like GIT, Jenkins, Docker, and Kubernetes. 4+ years of experience in AS/400, RPG400, RPGLE, CL/400 and DB2/400, also be a part of team that excels in achieving the assigned tasks towards the growth of the organization, which gives me service satisfaction.

Summary

Having 5 Years of Experience in Implementing Organization DevOps strategy in various environments of Linux along with adopting cloud strategies based on Amazon Web Services.

- Experience in DevOps tools like **Git, GitHub, Jenkins, Maven, Docker, Kubernetes & Terraform**.
- Expertise in Amazon AWS Cloud Administration which includes services like: **EC2, S3, EBS, VPC, ELB, AMI, SNS, RDS, IAM, Route53, Auto scaling, Cloud Formation, Cloud Watch, Cloud Trail, Security Groups** etc.,
- **Crafted the architecture for DevOps work shows in web & mobile applications.**
- Created resources and integrated with DevOps tools using **Jenkins, Maven, Docker, Kubernetes**.
- Experience with monitoring tools like Amazon Cloud watch and Grafana to monitor major metrics like CPU utilization, Network packets, Load Balancer Latency.
- Launching Amazon EC2 Cloud Instances using Amazon Web Services (Linux/Ubuntu/RHEL) and configuring launched instances with respect to specific applications.
- Registering new domain names and Route internet traffic to the resources for domains by using AWS Route53.
- Experienced in creating and managing Public and Private Repositories using GIT and GITHUB.
- Experience in branching, tagging and maintaining the version across the Environments working on Source code management (SCM) tool GIT.
- Extensively worked on Jenkins by installing, configuring and maintaining for the purpose of continuous integration (**CI**) and for End-to-End automation for all build and deployments.
- Extensive experience with software Build automation and standardization tool Maven.
- Professional experience on Containerization tools like Docker, preparing Docker files.
- Strong ability to troubleshoot any issues generated while building and deploying.
- Having 4 years of experience in iSeries (AS400) development, testing, implementation, and support of business applications.
- Expertise skills in AS/400 as like RPG/400, CL, DB2/400, RPGLE and Sub files.
- Worked as Senior Developer in Healthcare domain.
- Expertise in Technical coding, Bug fixing, Enhancements.
- Professional-level programming competence and the ability to construct high quality programs. ➤
- Achievement oriented with an ability to manage change with ease.
- Possess strong technical, analytical and problem-solving skills with keenness to facts and details.

Experience

- Working as **DevOps Specialist - Software Engineering** with LTIMindtree (L&T InfoTech pvt Ltd) India, from June 2019 to Till Date.
- Worked as **Specialist - Software Engineering** with OPTUM (UHG) India, from June 2014 to June 2019.

Academic Qualification

- **B.Tech (Information Technology)** J N T University Hyderabad.

Technical Skills

Operating System	: Linux (Amazon, RedHat), Ubuntu, Windows, OS/400.
Cloud Technologies	: AWS (VPC, EC2, S3, CloudWatch, Cloud Formation, RDS, Route53, IAM, ECR)
Version Control Tools	: GIT
Continuous Integration Tools	: Jenkins
Container Management Tool	: Kubernetes, EKS
IAC Tool	: Terraform
Web server Applications	: Apache and Tomcat.
Artifactory	: S3 and Nexus
Code quality checkTool	: SonarQube
Monitoring tools	: CloudWatch, Grafana
Languages	: RPG400, RPG ILE, CL400, CLLE, SQLRPGLE
Tools	: RDI, Service now, TWS, HPSM
DBMS	: DB2/400, SQL/400
Change management System	: Aldon, ARCAD.

Project Details

Project #1

Client	: Truist -North Carolina, USA
Organization	: LTIMindtree (L&T InfoTech pvt Ltd)
Role	: DevOps Engineer
Duration	: June 2019 to Till Date.

Project Description:

Truist Corporation in an American bank holding company which provides premium. Finance to their customers. Supporting a few discretionary Applications like loan servicing, loan origination, PMP, QIV, CONTRAC, AIFS.

AIFS is the application which maintains and keep track of all the Banking transaction, creation of accounts and servicing accounts etc.,

Roles & Responsibilities:

- Creating Linux Servers on AWS and managing different services (EC2, ELB, EBS, SSL, Security Groups, Cloud Formation, RDS and IAM).
- Configuring Domain name, creating and managing Hosted zones, nameservers and DNS records on Amazon Route53. Configuring the DNS Failover and Health check of the domain in route53.
- Creating VPC, Subnets, make connections between different zones and blocking suspicious IP/subnet via NACL.
- Setting up Amazon RDS and managing Databases. Monitoring servers through Amazon Cloud watch and SNS.
- Creating and managing S3 buckets and store DB and logs backup, upload images. Managing IAM role-based policies.
- Deployed the Java applications into web application servers like Tomcat.
- Handled Jenkins installation, job creations, plug-ins installation and administration.
- Working knowledge of Continuous Integration pipeline using GIT, Jenkins & Docker
- Handle multiple builds from the Development team, create build jobs in Jenkins and perform deployment activities.
- Involved in Debugging and Testing. Performing data balancing on clusters.

Project #2

Client : United Health Group
Role : Specialist - Software Engineering
Duration : June 2014 to June 2019

Project Description:

UnitedHealth Group is a diversified Managed Healthcare company. It consists of more than 10 Modules. The emphasis of the project is on maintaining, enhancing, and optimizing the existing system, thus requiring bug- fixing, enhancing, optimizing, and developing new programs to meet client needs. OptumRx specializes in the delivery, clinical management and affordability of prescription medications and consumer health products. Our high-quality, integrated services deliver optimal member outcomes, superior savings, and outstanding customer service. We are an Optum company - the world's largest provider of integrated health services.

Roles & Responsibilities:

- Requirement Analysis
- Understand the High-level Design.
- Analyzed complex impacted components.
- Created Low level design for all components.
- Coded complex programs.
- Performed Unit testing and created unit test results document.
- Support System/Regression testing.
- Provide support for User acceptance testing and Implementation.