

M.MANIVASAGAN

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DEVOPS ENGINEER

✉ vasagan0506@gmail.com

Devops Engineer having a foundation in fundamentals of cloud computing with 5 years 2 months of hands-on experience in automating and optimizing mission critical deployments over large infrastructure. Proficient with Configuration Management tools, and in developing CI/ CD pipelines.

WORK EXPERIENCE

PQSI DIGITAL PVT LTD

June 2024-Till present

Project 1. Pricol
Project 2. Ashok Lyland

JVS FUTURE TECHNOLOGIES

June 2019 – June 2024

Project 1: IMMUNO DIAGNOSTIC SYSTEMS HOLDINGS LTD | www.idsplc.com

Project 2: ZALANDO | www.zalando.co.uk

Role: DEVOPS ENGINEER

- Setup/Managing Linux Servers / Windows servers / Ubuntu servers on Amazon EC2.
- Implemented Elastic IP configuration across 60+ EC2 instances and optimized Security Groups, significantly reducing firewall-related issues and improving network security, resulting in a 30% decrease in downtime.
- Setup/Managing Databases on Amazon RDS. Monitoring servers through Amazon Cloud Watch, SNS.
- Creating/Managing **DNS** records on Amazon Route 53 and go-daddy panel.
- Uses Terraform to create new infrastructure or to modify an existing infrastructure (Infra as a code)
- Creating/Managing AMI/Snapshots/Volumes, Upgrade/downgrade AWS resources (CPU, Memory, EBS)
- Used Ansible to do configuration and to automate deployments.
- Managing the services within AWS and global IT infrastructure.
- Manage and configure AWS services as per the business needs (**ELB, Route53, S3, CloudWatch, IAM, VPC, Cloud formation**)
- Handling L1 and L2 level issues, involved in client calls, done several deployments, Client handling and resolving tickets.
- Implemented continuous delivery pipeline involving Jenkins, Ansible to complete the automation from commit to deployment.

- Administrated and Implemented CI tools Jenkins for automated builds and also integrating Unit tests and Code Quality Analysis Tools like SonarQube.
- Hands-on working experience on Web Server (Apache), Application Servers (Tomcat), DB Server (MySQL)
- Automated the build process by developing **CI/CD** pipelines using automation tools like **Jenkins**.
- Built and deployed **Docker** containers to implement microservices architecture from monolithic architecture.
- Basic Knowledge in **Kubernetes**.
- Documented the entire installation process for various tools and provided on-call support.
- Installed and configured Jenkins for purpose of continuous integration for automation for all build and deployments and creating Jenkins CI pipelines.
- Created S3 buckets and configured them with lifecycle policies to archive the infrequently accessed data to storage classes based on environment.
- Created Ansible Playbooks to provision Tomcat server, Jenkins, GIT.
- Automatically triggered Jenkins build when changes are pushed to GIT using Webhook method.
- Had been responsible for handling performance issues of applications deployed in AWS environment.
- Debugged Build failures and worked with developers and QA team to resolve related issues.
- GitHub to manage Source code repository.
- Experience in Monitoring Metrics in Prometheus and Grafana Dashboards.

TECHNICAL SKILLS

Version Control Tools	: GIT
Containerization Tool	: Docker
Container orchestration	: Kubernetes
Configuration Management Tool	: Ansible
Continuous Integration Tool	: Jenkins
Artifactory Server	: Nexus
Web Server	: Apache, Tomcat
Operating Systems	: Linux (such as Ubuntu & Centos 7,8) Microsoft Windows
Monitoring Tools	: Splunk, Prometheus and Grafana
Code Coverage Tool	: Sonar Qube
Ticketing Tool	: ServiceNow, Jira
Cloud Environments	: AWS
IAACTool	: Terraform
Scripting language	: Python, Shell scripting

EDUCATION

UNDER GRADUATION (UG)

University	: ANNA UNIVERSITY
Course	: BE – ELECTRONICS AND COMMUNICATION ENGINEERING
Passed out	: 2014

PERSONAL DETAILS

DATE OF BIRTH	: 05 / JUNE / 1992
GENDER	: MALE
LANGUAGES	: ENGLISH, TAMIL, TELUGU, KANNADA

DECLARATION

I do hereby declare that the information contained herein is true and correct to the best of my knowledge and belief.

Yours Faithfully
MANIVASAGAN.M