



# Praveen Raj

DevOps Engineer

📍 Chennai, India  
📅 07/12/1992  
✉ praveenraj92cloud@gmail.com  
☎ +91 9150890101

## SKILLS

AWS DevOps

Jenkins

GitHub

BitBucket

AWS

Terraform/Ansible

CloudFormation

Docker

Apache/Tomcat

Kubernetes

JFrog Artifactory

Build & Unit Test:  
Maven,Junit,Nexus

IAM/ACM

Splunk/AppDynamics/Prometheus/CloudWatch

Linux/Ubuntu

UDeploy/Concourse

Collaboration tools:  
JIRA,Confluence,ServiceNow

SonarQube

EKS

Test Automation: JMeter

## CERTIFICATIONS

AWS certified Solutions Architect-Associate (SSA-C03)  
AWS (07/05 /2023)

Be the key person in creative environment to utilize and refine my personal skills and abilities in the Modern Technology that offers Professional growth while being innovative and challengeable. Determination to learn new technologies and take up challenging tasks. Worked in Photon Interactive Solutions PVT Ltd and HCL Technologies as DevOps Engineer. Having total of 7+ years of experience in IT and relevant experience of 4+ Years in Cloud and DevOps technologies.

## WORK EXPERIENCE

PHOTON INTERACTIVE PVT LTD. (10/11/2021 - 09/29/2023)  
Senior Software Engineer I

HCL Technologies Pvt Ltd. (05/03/2018 - 09/10/2021)  
Production Support I

ACCESS HEALTH CARE (12/15/2015 - 04/03/2018)  
Senior Client Partner

## PROJECTS

Fidelity Investments (11/01/2021 - 08/30/2023)  
Ecommerce

- Implemented cloud formation to create EC2 instances, resulting in a 50% reduction in manual provisioning time and increased scalability for the company's infrastructure.
- Implemented UDeploy automation to streamline EC2 creation process, and used Concourse reducing deployment time by 50% and increasing team productivity by 25%.
- Established and maintained the CI pipeline using Jenkins.
- Automated the installation of TibcoSpotfire and TibcoRV applications
- Contributed to the application Rehydration process.
- Comprehensively documented the installation procedure for Tibco.
- Engaged in daily installation tasks within the existing dashboard across various environments.
- Participated in monthly hotfix and release activities.
- Implemented end-to-end automation of the CI/CD pipeline for lower environments utilizing Jenkins, Artifactory, and Concourse.
- Utilized Datadog to configure trace enablement and disablement, ensuring accurate log observation and addressing log quota concerns.
- Implemented automation for blue/green deployments.
- Utilized Terraform to provision infrastructure and developed modular configurations for infrastructure components, managed through Terragrunt.

Apria (10/08/2019 - 09/10/2021)  
Provider DB

- Managed Linux, Windows, and Ubuntu servers hosted on Amazon EC2 while monitoring them through SNS and Amazon CloudWatch.
- Established and administered AMIs, snapshots, and volumes while performing AWS resource adjustments, including CPU, memory, and EBS upgrades/downgrades. Additionally, handled the setup and management of databases on Amazon RDS.
- Led the end-to-end deployment of Kubernetes clusters.
- Oversee and tailor AWS services to meet business requirements in a global infrastructure context, including ELB, Route53, S3, CloudWatch, IAM, and VPC.
- Managing both Level 1 and Level 2 issues, actively participating in client meetings, conducting numerous deployments, and promptly resolving tickets to maintain system availability in accordance with multiple Service Level Agreements (SLAs).
- Engaged in the creation and management of pods and containers.
- Executed a continuous delivery pipeline that incorporated Jenkins and Ansible, achieving end-to-end automation from code commit to deployment.
- Collaborated with developers to define and implement effective branching and labeling conventions using GIT source control.
- Thoroughly documented the complete installation procedures for various tools and delivered on-call support.

Capital Group (06/01/2018 - 08/20/2019)  
E-Banking (SSP)

- Established and upheld fully automated CI/CD pipelines for code deployment.
- Oversee the configuration and optimization of AWS services to align with business requirements, including ELB, Route53, S3, CloudWatch, IAM, and VPC.
- Demonstrated expertise in crafting intricate IAM policies, roles, and user management for access control within AWS.
- Proactively oversee, enhance, and monitor AWS cloud infrastructure, including EC2 instances, encompassing tasks such as backups, patch management, and scaling.
- Employed Ansible for effective configuration management and possess proficiency in creating and managing Ansible Playbooks.
- Administered GitHub repositories, including permissions management, branching, and tagging.
- Established and managed VPC infrastructure, configured subnets, and established secure connections between different zones while applying security measures to block suspicious IPs/subnets using ACL.
- Implemented and oversaw CDN setup on Amazon CloudFront to enhance website performance.
- Generated and administered AMIs, snapshots, and volumes, and performed AWS resource adjustments, including CPU, memory, and EBS upgrades/downgrades.
- Utilized CloudWatch to monitor various resources, including EC2 instances, CPU usage, memory usage, and EBS volumes, to configure alarms for notifications and automate actions. Additionally, monitored logs to enhance system understanding and operation.

## EDUCATION

Alpha Arts and Science College (06/15/2009 - 05/01/2012)  
BCA, Computer Applications