

Professional Summary:

- ✓ Having around 7.5 years of experience with 3.5 **years of experience** as a **DevOps** and **Aws Cloud** engineer.
- ✓ Experience in working on AWS and its services like **IAM, VPC, EC2, EBS, S3, ELB, Auto Scaling, Route 53, and SNS** and create custom sized VPC, subnets, NAT, EC2 instances, ELB and Security groups.
- ✓ Configured **S3 buckets** with various life cycle policies to archive the infrequently accessed data to Storage classes based on requirement.
- ✓ Creating alarms in **Cloud watch** service for monitoring the server performance, CPU Utilization, disk usage.
- ✓ Experience on DevOps essential tools like **Ansible, Docker, GIT, Jenkins, Maven** to AWS and Managed Services like EC2, S3, Route53, ELB, EBS.
- ✓ Hands on experience in creating Jenkins jobs, plug-in installations, setting up distributed builds using master/slave concepts.
- ✓ Automated deployment of builds to different environments using Jenkins.
- ✓ Worked on Provisioning of AWS instances using **Terraform** and User data.
- ✓ Good knowledge on Kubernetes.

Technical/ Functional Summary:

Version Control Tools	GIT
CI/CD tools	Jenkins
Provisioning tool	Terraform
Configuration Management Tools	Ansible
Containerization Tool	Docker, Kubernetes
Application server	Apache tomcat
Build Tools	Maven
Cloud Platform	Amazon Web Services: Elastic Compute Cloud(EC2), Simple Storage Services (S3), Route 53, Cloud Front, Virtual Private Cloud(VPC), Elastic Load Balancer(ELB), Auto-Scaling, Elastic IP's

Project 1:

- ◆ **Client - ICT Healthcare (2022-2024)**
- ◆ **Designation - Site Reliability Engineer (Dev ops) - Itmdev technologies**
- ◆ **Roles & Responsibilities:**
 - ◆ Setting up **EC2 instances** and prerequisites on the instances for deploying the applications.
 - ◆ Designing and deploying **AWS** solutions using EC2, S3, Elastic Load balancer (ELB), auto scaling groups.
 - ◆ Provisioning of AWS instances using **Terraform** and creating modules to create infrastructure of aws.
 - ◆ Experienced on writing JSON code for creating infrastructure.
 - ◆ Installing and Configuring Jenkins, Installing plug-in, configuring security, creating a master and slaves for implementation of multiple parallel builds.
 - ◆ Designed and documented CI/CD tools configuration management.
 - ◆ Managing the working environments through configuration management tool **Ansible**.
 - ◆ Automated deployment of builds to different environments using **Jenkins**.
 - ◆ Involved in Manual, Blue Green Deployment and Capistrano Deployments. Updating the config file.
 - ◆ Handling complete Build and Release management process including code, document and supporting testing team.
 - ◆ Experience in **Docker** like creating Docker images, containers, Docker files, tagging and pushing to Docker Hub.
 - ◆ Created and managed multiple containers using kubernetes. And creating deployments using Yaml code. Maintain GIT Repositories, Handling Releases and Branching activities for Github.
 - ◆ Creating and maintaining jobs in jenkins for automated build and deployments
 - ◆ Knowledge on creating jobs and build pipelines in Jenkins
 - ◆ Handle multiple builds from Development team, create build jobs in Jenkins and perform deployment activities.
 - ◆ Automate the build Process Using Jenkins jobs.
 - ◆ Monitoring daily builds using continuous integration tool Jenkins.
 - ◆ Having knowledge of container management and orchestration software like Docker, Kubernetes and terraform
 - ◆ Date wise Daily keeping track all the Script.
 - ◆ Setup of the code repository using GIT.
 - ◆ Verifying the logs if build fails
 - ◆ Verify Deployments logs to check for successful deployments.
 - ◆ Keeping track of Release files for every release.
 - ◆ Performing deployments to multiple environments

- ◆ Understanding the client environment, Administrating and creating solutions using AWS services, CI/CD, GIT, Dockers.
- ◆ Configuring Jenkins job with related plugins for Testing, Artifactory, and Continuous Deployment to accomplish the complete CI / CD.
- ◆ Taking periodic backups of jenkins job, restoring in case of there is any issue with jenkins server

Project 2:

- ◆ **Client - ICT Healthcare (2020-2022)**
- ◆ **Designation - Site Reliability Engineer (Dev ops) - Itmdev technologies**
- ◆ **Roles & Responsibilities:**

- ◆ Installing and configuring operating systems, software and applications on servers and computers
- ◆ Used Jira, Service desk for issue tracking, managing support request and coordinating solutions
- ◆ Tools like Ansible to automate repetitive tasks ensuring consistence and efficiency in managing applications
- ◆ Git to help code versions, track changes and collaborate among development and support teams
- ◆ Creating and maintaining a knowledge base using platforms like share for best practices for common issues
- ◆ Used tools like Prometheus, Nagios help monitor application performance, detect issues and provide insights into system health
- ◆ Remote troubleshooting and support, tools like Teamviewer or Anydesk enable support teams to access users systems securely

- ◆ **Designation - System application support – ITMDev Technologies (June 2016 – Aug 2020)**
- ◆ **Roles & Responsibilities:**

- ◆ Perform Installations, upgrades and troubleshooting for 70+ users and 120 devices, including laptops, desktops, printers and smartphone devices
- ◆ configuring and install local servers, execute hardware and software upgrades and support disaster recovery and backup procedures
- ◆ Install firewalls and anti-virus software and deploy 2-factor authentication to ensure data integrity and cybernet security for highly sensitive legal documentation
- ◆ Attend meetings with the IT department to identify continuous improvement opportunities and enhance the delivery of IT services to users

Educational Qualification:

- ✓ Bcom from Gurunanak college – Batch 2005
- ✓ PGDBA (Human Resource) from Symbiosis university – Batch 2008

personal Information:

Husband's Name : L. Upendran
Gender : Female
Nationality : Indian
Date of birth : 12.06.1985
Marital status : married
Languages known : English and Tamil