

# P. Nataraja

AWS & DevOps Engineer.

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## CAREER HIGHLIGHTS

- Having a Good Professional IT experience with 8.8 years.
- Relevant experience with AWS & DevOps with 4.0 years.
- Provisioning and managing with AWS Infrastructure.
- Experience in DevOps Architecture with Installations & Implementations.
- Experience in Creating Build Docs for Project Implementation.
- Worked on creating Build docs & assigning tasks to team members.
- Experience in Configuration Management Tool, Ansible.
- Experience in Creating Ansible inventories and Ansible playbooks.
- Having good exposure in Jenkins for CI (Continuous Integration).
- Experience in Servers on the Cloud Environment, Amazon Web Services (AWS).
- Experience in AWS Config, AWS OSQuery, EC2, VPC, IAM, S3, Auto Scaling, ELB and other services in AWS.
- Configured and Managing Security Groups.
- Experience in AWS Command Line Interface (CLI) and Amazon Management Console.
- Working knowledge of Linux-based Operating Systems like Ubuntu, Centos, and Red Hat.
- Touch based knowledge on Scripting languages Shell Scripting.
- Able to pick up new Technologies within a short stint and adapt to rapid change of environment. Collection of maintenance Plans for all application from Apps Team under Aviva Life Insurance
- Preparation of BAU maintenance Plans for all Apps which includes name of App, server details Business Area Etc.
- Vulnerabilities Remediation Experience with Microsoft OS 2016/2012/2008 & 2003
- Analyzing Vulnerability Scanned report, shorting out vulnerability critical.
- Preparation of implementation Plans for Patches
- Request access to servers to be patched by raising CR for Prod/Non-Prod Servers to assist or DXC provided link.
- Generate reports on assessment findings/patch AMI compliance and summarize information to facilitate remediation tasks skills.
- Once we get access to servers, we find the version of software is installed in server and compare same with latest patches.
- Deploy the latest patches into the servers.

## WORK EXPERIENCE

- Indecomm Global Services India Private Limited: Apr 2012 - Dec 2015.
- Fidelity National Financial India Private Limited: Sep 2017 - Sep 2022.

## EDUCATION

- Completed Master of Computer Applications from Seshachala Institute of Computer Studies at S.V. University – 2011, Tirupati.

## Roles and Responsibilities:

- Manage AWS cloud with AWS Config, Control Tower, AWS Event Bridge, EC2, VPC, S3, CloudFormation
- Configuration of Linux and Windows with webserver Installations.
- Manage all Linux servers and Windows servers through CloudWatch agents and collecting logs.
- Created a shell/bash script.
- Creating Ansible inventories and Ansible playbooks.
- Installing and Configuring Docker in Linux Server.
- Created a private VPN to securing a network.
- Manage Jenkins and CI/CD Tools
- Handle Docker environment
- Manage SSL certificate and maintain it using let's encrypt.
- Designed and deployed new infrastructure in AWS with S3, VPC, subnets, Load Balancer, CloudWatch
- Converting shell scripts to Terraform and Python.

## PROJECTS EXPERIENCE

### PROJECT 1

Project: Aviva General Insurance

Client: Aviva (UK Insurance)

Period: May 2018 – Oct 2019

Role: AWS & DevOps Engineer.

### Responsibilities:

- Continuous Integration of Server–Installation, Configuration, Design and Administration and integrating these tools with other systems.
- Configured Cloud watch alerts.
- Implemented domain name service (DNS) through Route 53 to have highly available and scalable applications.
- Launching and configuring of Amazon EC2(AWS) Cloud Servers using AMI's (Linux/Ubuntu) and configuring the servers for specified applications using Jenkins.
- Setup and launch Amazon Linux and RHEL and Windows ec2 instances, network interface with Elastic IP's.
- Configured and managing security groups.
- Configured and managing ELBs. Created RDS database.
- Configured and managing S3 storage. Backup & Restoration.
- Created AMI images of the critical EC2 instance as backup using AWS CLI and GUI.
- Created support case with AWS for any critical issues and follow-up.
- Implemented Continuous Integration using Jenkins.
- Working knowledge of Linux-based Operating Systems like Ubuntu, Centos and Red Hat.
- Worked on Dockers Including Docker Installation, Creating Images and Containers.
- Collection of maintenance Plans for all application from Apps Team under Aviva Life Insurance.
- Preparation of BAU maintenance Plans for all Apps which includes name of App, server details Business Area Etc.
- Vulnerabilities Remediation Experience with Microsoft OS 2016/2012/2008 & 2003.
- Analyzing Vulnerability Scanned report, shorting out vulnerability critical.
- Preparation of implementation Plans for Patches.

**Tools/Technologies:** AWS, Ansible, GitHub, Jenkins, Docker.

## PROJECT 2

Project: SONY LIV Television

Client: SONY LIV Television

Period: Oct 2019 – Apr 2021

Role: AWS & DevOps Engineer.

### Responsibilities:

- Preparation of BAU maintenance Plans for all Apps which includes name of App, server details Business Area Etc.
- Vulnerabilities Remediation Experience with Microsoft OS 2016/2012/2008 & 2003
- Analyzing Vulnerability Scanned report, shorting out vulnerability critical.
- Preparation of implementation Plans for Patches
- Request access to servers to be patched by raising CR for Prod/Non-Prod Servers to assist or DXC provided link.
- Creating War files using Maven build tools.
- Responsible for taking the build and deployment using Jenkins and Maven.
- Hands on experience in setting up and configuring JENKINS Tool.
- Creating maven jobs in Jenkins.
- Build and Release process automation.
- Responsible for creating the new build setup and new projects using Jenkins.
- Troubleshooting issues while taking build.
- Deploying Builds to the application servers.
- Monitoring the builds results.

### CI/CD Activities

- Good experience in CI tools like Jenkins
- Deep knowledge of CI (Continuous Integration) and CD (Continuous Deployment) methodologies with Jenkins.
- Configuring Jenkins with the Subversion and build like maven/ANT.
- Maintaining Multiple DevOps tools & configuring across all projects Subversion (SVN), GIT, Maven, Jenkins.
- Working experience with Jenkins's automation configured with Maven and GIT.
- Adding plugins or updating plugins in Jenkins.
- Monitoring build results in Jenkins and deploying successful artifacts to the application servers from Jenkins.
- Resolving Jenkins issues.
- Help Development teams automate the environment setup using tool like Ansible.
- Hands on experience in setting up and configuring Docker cluster.
- Working experience with Docker to create the Docker images.
- Working experience with Kubernetes to create Containers service with Yaml file.
- Resolving the docker and Kubernetes issues.
- With the help of Ansible, we automate the infrastructure.

## PROJECT 3

Project: AIP & Avande

Client: FNF India Internal Projects

Period: Apr 2021 – Sep 2022

Role: AWS & DevOps Engineer.

### Responsibilities:

- Worked with implementation of AWS cloud with new services and Creating Compliance reports for Linux and Windows servers.
- Worked with AWS Config and OSQuery for FIM solution and Logs Collecting.
- Configured Cloud watch alerts.
- Implemented domain name service (DNS) through Route 53 to have highly available and scalable applications.
- Launching and configuring of Amazon EC2(AWS) Cloud Servers using AMI's (Linux/Ubuntu) and configuring the servers for specified applications using Jenkins
- Setup and launch Amazon Linux and RHEL and Windows ec2 instances, network interface with Elastic IP's.
- Configured and managing security groups.
- Configured and managing ELBs. Created RDS database.
- Configured and managing S3 storage. Backup & Restoration.
- Installing and configuring AWS cloud watch SSM agents in Linux and Windows Machines.
- Worked on Dockers Including Docker Installation, Creating Images and Containers.
- Collection of maintenance Plans for all application from Apps Team under Aviva Life Insurance
- Preparation of BAU maintenance Plans for all Apps which includes name of App, server details Business Area Etc.
- Vulnerabilities Remediation Experience with Microsoft OS 2016/2012/2008 & 2003
- Analyzing Vulnerability Scanned report, shorting out vulnerability critical.
- Preparation of implementation Plans for Patches

**Tools/Technologies:** AWS, Ansible, GitHub, Jenkins, Docker, Terraform.

### TECHNICAL SKILLS:

Cloud Computing	Amazon Web Services
Configuration Management tool	Ansible
Continuous Integration tool	Jenkins
Scripting Language	Shell Scripting
SCM Tool	Git, GitHub
Application Server	Tomcat Server, Apache Server
Languages/Technologies	Python
File Transfer Application	Putty, WinSCP
Operating System	Linux, Window
Cloud Automation	Terraform
Build Tool	Maven, Ant
Virtualization	Docker

### DECLARATION:

I hear by declare that the above-mentioned details are true as per my belief and knowledge.

**Place:** Bangalore

**P Nataraja**

**Date:**