

• **AWS & DEVOPS ENGINEER** •

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Career Objective:

Devops Engineer having a foundation of cloud computing and hands-on in Architecting/ Automation and optimizing mission critical deployments over large infrastructure. Proficient with configuration Management tools, and developing CI/ CD pipelines.

Professional Summary:

- Working in **EPAM Systems** as **DevOps Engineer**.
- Having total of 1.9 years of experience in **Aws & DevOps Technologies**.

Education Qualification:

- Bachelor of Engineering from Nandha Engineering College, TamilNadu.
- HSC from Bharathi Matric Hr Sec School, TamilNadu.
- SSLC from Shri Mahaa Hr Sec School, TamilNadu.

Technical Skills:

- **Operating System** :Linux, Ubuntu, Windows
- **Configuration Management Tools** :Ansible, Terraform, Cloud Formation
- **Containerization** :Docker, Kubernetes
- **CI/CD** :Jenkins
- **Source Code Management** :Git
- **Build tools** :Maven
- **Deployment Tools/ Servers** :Apache, Tomcat
- **NoSQL** :Dynamo DB (AWS)
- **Public Cloud** :Amazon Web Services
- **Repository Tools** :Git ,GitHub
- **Code Quality tool** :Sonarqube
- **Scripting** :Shell Scripting, Python
- **Security tools** :IAM, ACM
- **Monitoring/Logging tools** :Splunk, Grafana, Prometheus, CloudWatch.
- **Telnet Tools** :PuTTY, PuTTYgen, Pageant, WinSCP

Work Experience:

Project#1

Client: NEO Financial Services

Roles and Responsibilities:

- Create and maintain full automated CI/CD pipelines for Code deployment.
- Manage and configure AWS services as per the business needs (ELB, Route53, S3, CloudWatch, IAM, VPC)
- Launching Amazon EC2 Cloud Instances using Amazon Web Services (Linux/Ubuntu) and Configuring launched instances with respect to specific applications.
- Utilizing Jenkins for enterprise scale infrastructure configuration and application deployments.
- checking out the code from Github and use Maven to build jar and war artifacts.
- Defined branching and merging strategies on Github.
- Authenticate and Authorize users on Jenkins as per their responsibilities.
- Installed application on AWS EC2 instances and also configured the storage on S3 buckets.
- Implemented and maintained the monitoring and alerting of production and corporate servers/storage using AWS Cloud watch.
- Implemented AWS high-availability using AWS Elastic Load Balancing (ELB), which performed balance across instances in multiple availability zones.
- Monitoring performance metrics for applications on New Relic using Insights, Browser and Infrastructure modules.
- Responsible for Jenkins plugin management, user management, Build/Deploy Pipeline Setup, and End-End Job Setup of all the projects.
- Maintaining build artifacts on Sonatype Nexus.
- Coordinate or assist the developers with establishing and applying appropriate branching, merging conventions by using Github.
- Involved in active Scrum calls every day as part of agile process.
- Deployed application packages on to Docker containers Coordinated with software development teams and QA teams for smoother execution of the processes.
- Communicating requirements effectively to team members and manage applications.
- Used Jira as a ticketing tool.
- Installing and configuring GIT, Jenkins, Deployment and automation.
- Release Engineer for a team that involved different development teams and multiple simultaneous software releases.
- Developed and implemented Software Release Management strategies for various applications according to the agile process.
- Identity root cause, and resolve problems.
- Maintaining the source code in GIT for various applications.
- Administered merge, build and deployment of the codes to all the environments.
- Responsible for creating the branches and tagging the code.
- To configure and maintain codebase to support the build and deployment of code on servers.

- Supporting the developers in configuration management environment.
- Responsible for the Plug-in Management, User Management, Build/Deploy Pipeline Setup and End- End Job Setup of all the projects.
- Jenkins is used as a Continuous Integration tool for automation of daily process.
- Involved in the release process and deployed applications (WAR and JAR) to the Tomcat.

Personal Details:

- Date Of Birth : 09/12/1998
- Father name : M S Karuppusamy
- Nationality : Indian
- Gender : Male
- Languages Known : Tamil, English

Declaration :

I hereby declare that all the above furnished information is true to the best of my knowledge.

MANOJKUMAR K