## SURESH SIRIPURAM­­­­­­

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DevOps Engineer

# CAREER OBJECTIVE

Seeking a Challenging Position in a cloud environment within a large exiting company where my extensive professional and practical experience will be fully utilized for infrastructure/DevOps Professional.

# PrOFILE SUMMARY

* 3.0 Years of professional Experience as a **DevOps Engineer** with technical expertise in Build and Release Management,Continuous integration and Deployment,Softwareconfiguration management
* Hands on experience with version control tool like **GIT, GitHub**,**BitBucket.**
* Experience on, **GIT**- Created branches, tagging, Merging providing access permissions to the developers over branches.
* Good Experience in **GitHub** and Configure git with Jenkins and schedule jobs using **POLL SCM** option.
* Expertise in using Build tools like **Maven** for Building and Deployable artifacts such as War&Ear from source code.
* Creating new Build jobs, Plugins installation and Management, setting up **Master/Slaves** using **Jenkins.**
* Good Experience in **Continuous integration** using the **Pipeline** View, Integrated Sonar to run as part of Jenkins Build job, and Deploy with different Environment like **QA, UAT, DEV, PROD**.
* Experiences in using **Nexus Repository** manager for Maven Builds.
* Good Experience in **Dockerizing** the Applications, In **Dockerfile**, Creating **Docker images** and configuring the **Docker Containers.**
* Experience on creating and configuring **Docker Volumes**..
* Experience in creating **Docker-Swarm Cluster, Volumes** and **Networks**.
* Good Knowledge on writing Docker Compose files and Deploying Docker services in Docker-Swarm Cluster.
* Experience on creating **Kubernetes** manifest files like **Daemon Set** and **Replication controller**, **Replication Set** and Deployments
* Strong Experience in Kubernetes cluster setup and Deploying Applications in **Kubernetes clusters**.
* Implement **CI/CD** using Jenkins, Docker & Kubernetes.
* Good experience in deploying the artifacts in **Tomcat**.
* Experience in writing **Ansible** playbooks and **Ansible roles** for Configure management, Shareability and Reusability in Ansible.
* Hands on Experience in AWS Cloud such as creating **EC2, VPC, S3, ELB, EBS, EFS, IAM, Auto Scaling and Security Group.**
* Creating/Managing snapshots and Volume upgrade, Downgrade AWS Resources (CPU, Memory EBS).
* Good Knowledge and Hands-on experience of database technologies such as **AWS RDS**, **DynamoDB.**
* Good knowledge on methodologies like **Agile** and **waterfall model** for project planning and execution.

# experience SUMMARY

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| **Designation** | **Organization** | **Duration** | **Work Field** |
| DevOps Engineer | Birlasoft | 3.0 Year | IT-software |

# TECHNICAL Skills

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| **Category** | **Skills** |
| **Version Control System tools** | GIT, GitHub,Bitbucket |
| **Operating Systems** | Linux (RHEL 6,7& Ubuntu) |
| **Configuration Management** | Ansible |
| **SSH Client Tool** | Putty, MobaXterm,Telnet,Git Bash |
| **Scripting** | Shell Scripting, Ruby,Groovy |
| **Build Tools** | Maven |
| **Container Orchestration Tools** | Kubernetes, Docker-Swarm |
| **Cloud Services** | AWS (EC2,VPC,ECR, S3, EBS, EFS, ELB, IAM,VPC, DynamoDB ,Glacier, RDS, LAMBDA) |
| **Application Server** | Apache Tomcat , nginx |
| **Continuous Integration Tools** | Jenkins |
| **Containerization tool** | Docker |
| **Bug Tracking Tool** | JIRA |
| **Artifactory Storage** | Sonartype Nexus, Jfrog |
| **Code Quality Analysis Tool** | SonarQube, Coverity |
| **Iac Tool** | Terraform,Vagrant |
| **Monitoring Tool** | Splunk |
| **Performance Monitoring Tool** | AppDynamics |

# projects SUMMARy:

**Project : HRM Project(kraios)**

**Roles and Responsibilities:**

* Creating GitHub repositories and specified branching strategies that best fitted the needs for the clients.
* Configured GitHub with Jenkins and Schedule jobs using POLL SCM, GitHub Webhooks and Build Periodically option.
* Develop a **Continuous Deployment** pipeline using Jenkins, **Groovy** scripts.
* Define dependencies and plug-ins in maven pom.xml for various activities and integrated **Maven** with GitHub to manage and Deploy project related tags.
* Uploading Artifacts and Docker images to **Nexus Repository** or **Jfrog** Designed and managed CI/CD work flows using tools such as **Jenkins.**
* Work cross-functionally across infrastructure, Development and QA teams to Build processes around change control and release management to help deliver products to market in a rapid, repeatable, and consistent manner.
* Used AWS Services like **S3, EC2,VPC, NFS, VPC, ELB, IAM** and **Auto-scaling**.
* Performed Patches & upgrades.
* Complete handful experience in handling **AppDynamics** Alerts.
* Writing manifest files like replication controller, replica set, daemon set and deployment in Docker Enviromnet.
* Scale up the pod’s and scale down the pod’s using HPA.
* Creating name spaces in **Kubernetes Cluster**.
* Creating Kubernetes cluster and adding worker Node to master Node.
* Building and understanding of all aspects of the cloud platform including network ingress, monitoring, alerting, RBAC, and Multi-Region deployment.
* Configuring multiple servers using **Ansible**.
* Configuration of **Route 53** for High availability cloud DNS.
* Created infrastructure using Terraform (Basic Level).

**Project :** CMT

**Organization: Amazon Development Centre**

**Roles and Responsibilities:**

* Creating branches and tags using GIT.
* Responsible for tagging and maintain code on version control GIT.
* Monitored daily builds, GIT check-ins and administrated access management
* Supported product release management and patch set release
* Responsible for creating Builds and Deployments Planes.
* Developing pom.xml files for **Maven** build scripts.
* Creating War files using **Maven**.
* Experience in authoring pom.xml files, performing releases with the Maven release plugin and managing artifacts in Sonatype NEXUS repository.
* Automate the build Process Using Jenkins jobs.
* Creating jobs using Jenkins. Manage installations of node, deployment configuration, administration, backup etc.
* Making Application, Reports and Script ready for the Release on time.
* Verify Deployments logs to check for successful deployments.
* Debugging Build & Release related issues.
* Making build and deployment automation enhancements, fixing bugs.
* Used Ansible Playbooks to setup Continuous Delivery Pipeline. Deployed micro services, including provisioning AWS environments using Ansible Playbooks.
* Used Ansible to document all infrastructures into version control.
* Written Shell scripts to apply the Integration label to all the files, which needs manual labelling of files.
* Worked on creating the Docker containers, Docker container images, tagging and pushing the images and Docker consoles for managing the application life cycle.
* Pipeline by implementing Docker containerization with multiple namespace

I declare that the information furnished above is true to the best of my knowledge and I assure you of my sincerity in executing the duties related to the job, should I be given a chance to serve.

**Place:**

**Date: (SURESH)**