**Saikumar Miryala**

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Seeking a growth-oriented career, where my skills such as identify goals, see alternatives, evaluate trade-offs, present options and solve problems can add values to the Company and Client. Allow development of my skills to their fullest potential in the field of IT.

**Professional Summary**

* 4 years of experience as a Release Engineer, Devops Engineer.
* Implemented **AWS Cloud platform** and its features which includes EC2, VPC, EBS, AMI, SNS, RDS, EBS, Cloud Watch, Cloud Trail, Cloud Formation AWS Config, Auto scalling, Cloud Front, IAM, S3, R53.
* Extensively worked with Version Control Systems **SVN (Subversion), GIT.**
* Proficient with container systems like Docker and container orchestration like EC2 Container Service, Kubernetes,
* Used **Kubernetes**to orchestrate the deployment, scaling and management of Docker Containers.
* Over 3 years of experience on middleware administration tools like IBM WAS/WCS as administrator.

**Certification:**

Certified AWS Solution architect (AWS-SAA).

**DevOps Tasks:**

* + Installed Jenkins and implemented the pipelines using groovy scripts to automate the build and deploys.
  + CI integration of QA regression test machine to trigger the testing and give results with a single click.
  + Worked on the Rundeck tool to automate the daily ops tasks (like stage propagation, SOLR indexing and Cache clears).
  + Configured GIT hooks in Jenkins to trigger a deploy automatically whenever a commit happens.
  + Worked on Shell Scripts to automate jobs and schedule in Jenkins/Rundeck/cronjobs.
  + Identifying the issues and fixing the issue and automate it.
  + Worked on Installing Kubernetes, etcd, kubelet using kubeadm tool.
  + Performing routine health checks for cluster environments like Dev, test and Production.
  + Verifying the health of Pods, replica sets, deployments, certificate signing requests.

**MiddleWare Tasks:**

* + Working experience in Installation and Configuration of Websphere Application Server, Websphere Commerce Server, IHS, Apache Web Server on LINUX servers.
  + Handling and managing applications on Websphere applications.
  + Enabling SSL Security in Web Environments for IBM HTTP Server &Websphere application Server.
  + Troubleshooting and debugging errors and problems for all applications by going through the JVM logs and Application logs and also handling system performance and application performances.
  + Strong Exposure on Deployment Manager, Websphere Clusters like Horizontal and Vertical Clusters.
  + Responsible for deploying, monitoring application performance, log files and provided information to the developers.
  + Federated multiple nodes to a deployment manager.
  + Configured Websphere resources like JDBC providers, JDBC data sources, connection pooling.
  + Problem Determination through the log files and rectified issues.
  + Familiar with ANT scripts for compile and deployment.

**Professional Details**

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| --- | --- | --- |
| **Company** | **Duration** | **Location** |
| **IBM** | July 2020 to Continue | Hyderabad |
| **Photon InfoTech** | Nov 2018 to Sep 2019 | Chennai |
| **Sirius Computer Solutions** | Feb 2017 to Oct 2018 | Chennai |
| **IBM** | July 2015 to Feb 2017 | Gurgaon |
| **Fidelity** | Oct 2012 to June 2015 | Bangalore |

**Academic Details**

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| --- | --- | --- | --- |
| **Examination** | **Year** | **Percentage** | **University** |
| B.TECH (ECE) | 2012 | 60% | JNTU University, Hyderabad |

**Project Experience**

**IBM Hyderabad**

**Client- GPC & BOA**

Roles & Responsibilities:

* My Role here as Client Technical Lead.
* Involvement in client calls to discuss on delivery of deployments.

**Photon infotech Pvt Ltd Chennai**

**Client- Liz Earle & Boots Norway**

Roles & Responsibilities:

* Supported here in various teams as Release Engineer, Devops Engineer, Middleware Admin.
* Worked within the AWS Cloud for integration processes.
* CI/CD setup on Jenkins for Ecommerce applications hosted on IBM WCS.
* Hosting the kubernetes cluster on EKS @windows platform.
* Implemented **AWS** solutions using EC2, S3, RDS, EBS, Elastic Load Balancer, Auto scaling groups.
* Designed and implemented a continuous build-test-deployment (CI/CD) system with multiple component pipelines using Jenkins to support weekly releases and out-of-cycle releases based on business needs.
* Experience with container-based deployments using Docker, working with Docker images, Docker Hub and Docker-registries and Kubernetes.
* Using Jenkins **AWS** Code Deploy plugin to deploy to AWS.
* Created monitors, alarms and notifications for EC2 hosts using Cloud Watch.
* Identify, troubleshoot and resolve issues related to **build** and deploy process.
* Coordinate/assist developers with establishing and applying appropriate branching, labeling/naming conventions using Subversion source control.
* Supported all Environments in the project like Dev, Test, Preprod, Preprod\_stage, Stage, Production.

**Sirius Computer solutions Chennai**

**Client- PVH Corp USA, SWF (Spring Window Fashion), NYSL, MTD, CNG(Central National-Gottesman)**

Roles & Responsibilities:

* Served in various teams as a WCS administrator, Devops Engineer, Release Engineer.
* Worked on Jenkins, Ops View.
* Installation and Configuration of Websphere Commerce Server, Websphere Application Server, IHS, Apache Web Server on LINUX as well as Windows Platforms.
* Worked on launching the store.
* Installed Fix Packs to upgrade the WAS version to latest.
* Involved in rapid, scheduled deployments for B2B, B2C environments.
* Created Self Signed Certificates using Ikeyman.
* Resolution to the corresponding error message, communication with the respective responsible team.
* Worked on all lower environments like single tiers, stage and live environments.
* Provided support by 24x7 shift rotation basis and monitored trouble ticket queues to attend user and system calls
* Worked on Monitoring tool like Newrelic.
* Worked on ticketing tool like Jira, Service now.
* Trouble shooting various problems in different stages of development using logs files.
* Worked on shell scripting.

**IBM Gurgaon**

**Client- Debenhams UK**

Roles & Responsibilities:

* Supported here as a WCS Administrator.
* Involved in Deployment of Application.
* Installation and Configuration of Websphere Application Server, IHS, Apache Web Server on LINUX as well as Windows Platforms.
* Generated and propagated new Plug-in. Moved Plug-in config file to IHS to establish communication between Web Server and Websphere.
* Administered Websphere Application Server nodes using Network Deployment Manager.
* Installed, configured and administered **WAS7.x** in various environments.
* Installed Fix Packs to upgrade the WAS version to latest.
* Responsible for creating clusters including Horizontal and Vertical Clusters, cluster members to implement High Availability and Fail Over.
* Configured JDBC Drivers, Data Sources and Connection Pools on WebSphere Application Server to connect the J2EE components with Oracle Database.
* Created Self Signed Certificates using **Ikeyman**.
* Configured Session Time Out Settings**.**
* **Deployed** applications through the deployment scripts and administration console.
* Resolution to the corresponding error message, communication with the respective responsible team.
* Documentation of the error message with the action taken to resolve.
* Worked on stage and live environments.
* Provided support by 24x7 shift rotation basis and monitored trouble ticket queues to attend user and system calls

**FIS Bangalore**

**Client- United Bank of Switzerland**

Roles & Responsibilities:

* Supported here as a WAS Administrator.
* Installation, Configuring and troubleshooting the Websphere Application Server, IBM HTTP server.
* Involved in issues like Application not responding. Application Deployment Errors, server issues, page not found errors, Application performance issues.
* Configured Websphere Application Server with oracle database.
* Configured Webserver plugin to directing dynamic requests to application server for load balance in clustered environment.
* Extensive knowledge in federating nodes to deployment manager.
* Deployment of EAR & WAR applications on Websphere Application Server.
* Involved in deploying application using wsadmin commands and from Admin console.
* Configured Websphere resources like JDBC providers, Data sources, settingup environment variables and J2C alias for oracle 10g database.
* Involved in Creating and Managing the Nodes, Application Server’s and Clusters.
* Involved in enabling global security and configured LDAP server.
* Generated and Propagated plugins for Webserver to route dynamic requests to application server.
* Involved in Enabling SSL Security in Web Environments for IBM HTTP Server&Websphere application Server
* Following ITIL Process and SLA for any issues in the environment. Responding to the tickets and debugging as per the SLA.
* Trouble shooting various problems in different stages.
* Continue to look for client request and ensure they are getting technically rich responses.
* Provided support by 24x7 shift rotation basis and monitored trouble ticket queues to attend user and system calls.