**Contact: +1 (979) 488-1707**

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**Professional Summary:**

Enthusiastic DevOps Engineer, with more than 9 years of hands-on experience in implementation of DevOps, Automation, Software Configuration Management and Cloud Services with an impressive background serving as a source of critical support for rapid software development and digital services enhancements. An effective team player who continuously seeks opportunities to master new domains and technologies.

* Proficient in AWS Cloud platform and its features which includes **EC2**, **VPC**, **EBS**, **AMI**, **RDS**, **ELB, Lambda**, **Cloud Watch**, **Cloud Trail**, **Cloud Formation**, **Autoscaling**, **CloudFront**, **IAM**, **S3, S3FS** & **R53**.
* Hands-on experience on creating infrastructure in **AWS EKS**, **AWS ECS**, **OpenShift**.
* Used Amazon ECS as a container management service to run microservices on a managed cluster of EC2 instances. Implemented **Amazon API Gateway** to manage, as an entry point for all the API's.
* Experience on **Identity and Access Management** for AWS Resources.
* Manage network security with **AWS VPC** using Security Groups and NACL.
* Monitoring the services by using monitoring tool **Cloud Watch**.
* Hands on experience with AWS solutions using **CloudFormation** Templates and launch configurations to automate repeatable provisioning of AWS resources for applications.
* Experienced in Using **Jenkins pipelines and Azure pipelines** to drive all **Microservices** builds out to the Docker registry and then deployed to **Kubernetes**, Created Pods and managed using Kubernetes.
* Experience in using Version Control Management tools like **GitHub, Bitbucket** and Build Management tools like **Maven, Ant, NPM and MSBuild**.
* Experienced in branching, merging and maintaining the versions using **SCM** tools like Git, GitHub and Bitbucket on windows and Linux platforms.
* Experience in working with Ansible Playbooks to automate various deployment tasks and working knowledge on **Ansible Roles**, Ansible inventory files, Ansible Galaxy and Ansible Tower.
* Hands on **Bash** Scripting, **Python** Scripting using **Fabric**.
* Experience in using **Nexus** for artifacts storage for testing and deploying to various environments.
* Automated process of downloading artifacts from **Nexus** to CD pipeline using playbook in Ansible.
* Experience on automating build and deploy processes to various environments like Dev, QA, and staging by using **Ansible Tower and Jenkins**.
* Creating custom **Docker Images** using **Dockerfile** for deploying all services in AWS EKS, AWS ECS.
* Converted existing **Terraform** modules that had version conflicts to utilise CloudFormation templates during deployments, worked with Terraform to create stacks in AWS, and updated the Terraform scripts based on the requirements.
* Experience in using web servers like **Apache** HTTP and **Tomcat**, **Nginx** for deployment.
* Hands-on experience on working with System health and performance **Monitoring Tools** like **Splunk**, **CloudWatch**, **Datadog**, **Dynatrace**, **ELK**..
* Experience in working with SQL databases like **MySQL**, Oracle, SQL Server and NoSQL databases like

**MongoDB**, DynamoDB.

* Configured GitLab CICD pipeline to deploy applications to multiple cloud environments.

**Technical Skills:**

|  |  |
| --- | --- |
| **Cloud Platforms** | AWS |
| **Configuration Management Tools** | Ansible |
| **CI /CD Tools** | Jenkins, Bamboo, Azure Devops, GitLab |
| **Build Tools** | Maven, ANT, NPM and MSBuild |
| **Containerization Tools** | Docker, Docker Swarm, Kubernetes, OpenShift, Aws ECS, AWS EKS |
| **Version Control Tools** | GIT, GITHUB, Bitbucket, SVN, GitLab |
| **Logging & Monitoring Tools** | ELK, CloudWatch, Prometheus, Dynatrace, Datadog, Splunk |
| **Scripting Languages** | Bash Scripting, Python, Fabric, Groovy Scripting and Yaml Scripting |
| **Databases** | My SQL, Oracle, DynamoDB, MongoDB, SQL Server |
| **Application/Web Servers** | Apache Tomcat, Nginx |
| **Operating Systems** | UNIX, Linux, Windows, CentOS, UBUNTU and RHEL. |
| **Virtualization Platforms** | Oracle VirtualBox, Vagrant |
| **Bug Tracking Tools** | JIRA |
| **Repositories** | Antifactory, Nexus |

**Professional Experience:**

## Barclays May 2023 to till date

**Build Release/DevOps Engineer**

**Roles and Responsibilities:**

* Acted as an onsite coordinator for the Barclays project, facilitating communication and collaboration between the project team and the client stakeholders
* Experienced in designing, implementing, and managing AWS architectures by administering various AWS services to meet business requirements.
* Integrated Apache Kafka as an event streaming platform to notify relevant teams about successful software releases and deployment updates, enhancing communication and awareness.
* Created a design and executed the migration plan for replicating the Akana API gateway from virtual machines to the Aws Cloud using AWS services such as EC2, S3, EFS, RDS, MongoDB, VPC, NLB, ALB, ELK, and Autoscaling, utilising DevOps tools like Docker, EKS, and ECS.
* Developed advanced Python scripts to enhance data processing logic within AWS Glue jobs, leading to faster and more efficient data transformations.
* Developed Jenkins pipeline files to build Docker images for Akana components like CmPm, ND, Pm, and Akana OAuth. Deployed the images to the EKS cluster and AWS ECS, ensuring seamless containerized deployments.
* Orchestrated the deployment and lifecycle management of applications on Amazon EKS using Helm charts, reducing deployment time by X% and increasing application availability.
* Leveraged AWS Service Catalog and CloudFormation templates to create and manage AWS services, ensuring consistency and repeatability in service provisioning. Launched services using Jenkins pipelines.
* Integrated TIAA for secure API authorization, implementing industry best practices for authentication and access control.
* Designed and implemented AWS Glue jobs and crawlers to automate data extraction, transformation, and loading processes, resulting in improved data accuracy and timeliness.
* Setup MySQL to maintain AKANA installation configuration and API onboarding configuration, ensuring accurate and consistent configurations across the environment. Implemented MongoDB to store API-level logs, enabling effective monitoring and analysis of API activities using Datadog.
* Configure and manage data inputs from various sources into Splunk, such as logs, metrics, and events.
* Engineered automated workflows by connecting AWS Lambda functions with other AWS services like Amazon S3, DynamoDB, and SQS, ensuring smooth data flow and processing.
* Developed and implemented a Prisma vulnerabilities scan pipeline to ensure adherence to industry-standard security practices, detecting and addressing vulnerabilities in the Secure Development Lifecycle.
* Utilised CloudHSM to generate and manage cryptographic key pairs for enhanced security in the Akana platform and APIs. And implemented CSM to securely sign the key pairs, ensuring the authenticity and integrity of the cryptographic operations.

## RSA Insurance Jan 2022 to Apr 2023

**Build Release/DevOps Engineer**

**Roles and Responsibilities:**

* Worked on various tools Azure DevOps, Ansible, Terraform and AWS, GitHub, Maven and onboard current projects to DevOps culture.
* Proficient in organising, storing, and managing digital files and documents, ensuring easy accessibility and data integrity for efficient business operations.
* Strong understanding of networking concepts, including TCP/IP, DNS, DHCP, subnetting, routing, and NAT, enabling efficient communication between devices within network environments.
* Created Build and Release pipelines in Azure DevOps to Handled Builds and Deployments in test environments (On-Prem and AWS environments).
* Creating new environments in AWS by using Terraform to provision the instances and installing applications using Ansible.
* Successfully managed and optimised AWS S3 storage solutions, ensuring secure and reliable data storage, backup, and retrieval.
* Developed and maintained CI/CD pipelines using tools like Jenkins and GitLab CI/CD, automating the testing, building, and deployment of Helm-managed applications.
* Developed and maintained release pipelines by using Task groups in TFS for automating deployment processes of multiple environments.
* Integrated Kafka with various AWS services such as Lambda, S3, and DynamoDB to build end-to-end data pipelines, enriching the capabilities of the API gateway platform.
* Proficient in managing container technologies like ECS, EKS, Fargate, Docker, and Kubernetes, ensuring efficient application deployment and scaling.
* Experienced in designing and implementing infrastructure using IaC principles with tools such as Terraform and AWS CloudFormation Templates (CFT), ensuring consistent and automated resource provisioning.
* Developed serverless applications using AWS Lambda, effectively utilising event-driven architecture to build scalable and cost-effective services.
* Integrated Splunk with AWS Infrastructure to monitor and troubleshoot problems with applications, servers, and networks.
* Developed custom scripts and integrations to extend the capabilities of Control-M, enabling integration with external systems, APIs, and data sources.

## Societe Generale Sep 2019 to Dec 2021

**AWS DevOps Engineer Roles and Responsibilities:**

* Worked on various tools like Ansible Tower, Jenkins and Open shift, AWS, GitHub, maven mainly to onboard current projects to DevOps culture.
* Implemented security best practices for AWS resources, such as EC2 instance, S3 buckets, RDS instances, and IAM policies, to ensure compliance with industry standards.
* Monitor resource utilisation and plan for future growth in terms of data volume, user load, and system requirements. Scale Splunk infrastructure to accommodate increasing data ingestion and user demands.
* Experienced in Jenkins by installing, configuring and maintaining for the purpose of continuous integration (CI) and for end-to-end automation for all build and deployments and creating Jenkins CI pipeline.
* Developed and maintained CI/CD pipelines by using Jenkins file in Jenkins for automating deployment process of multiple projects.
* Responsible for creating the entire project infrastructure in OpenShift.
* I worked extensively on AWS EC2, High Availability VPC, VPN setup, ROUTE53, RDS, S3 and Cloud Watch services.
* Setup Preprod Refresh automation on AWS RDS from RDS Prod DB using AWS CLI.
* Integrating Ansible tower with Jenkins for CI/CD process.
* Integrated SonarQube with Jenkins for continuous inspection of code quality.
* Developed SVN-GIT migration tool using backend python scripts.
* Configured ELK platform for project teams to fetch logs from application servers to Kibana.
* Integrated Selenium grid in Jenkins to trigger tester’s test cases.
* Perform deployments to multiple environments like Dev, QA, UAT and PROD environments.
* Documenting the entire procedure of repeated issues in Confluence for future reference.
* Proficient in designing, configuring, and managing Grafana dashboards to visualise complex data and monitor system performance.

## Farmers Insurance Sept 2018 to Aug 2019

**DevOps Engineer**

## Roles and Responsibilities:

* Writing Ansible Playbooks and creating roles for reusability to manage the application configuration.
* Creating and automating CI/CD pipeline using Jenkins.
* Configured GitHub with Jenkins and scheduled jobs using POLL SCM.
* Responsible for installing Jenkins master and slave nodes.
* Deployed the build artifacts into environments like Dev, QA, UAT and Production according to the build life cycle.
* Automating AWS cloud deployments using shell script and Ansible.
* Configured packages, services using Ansible modules like yum, service, template, handlers etc.
* Configuring Apache Tomcat & Jboss server deployments & finds status using Ansible.
* Involved in deploying the package to cloud platform on Amazon Web Services using EC2, S3.
* Proficient in utilising Control-M to design, schedule, and manage complex workflows and batch job processes within enterprise environments.

## Yes Bank Oct 2016 to Aug 2018

**DevOps Engineer**

## Roles and Responsibilities:

* Configured Jenkins with Ansible for deployment of the application in servers.
* Also worked on deploying an application using UCD.
* Configured Jenkins jobs with different Plugins for build and deploy the package to accomplish CICD.
* Monitor and test application performance for potential bottlenecks, identify possible solutions.
* Write and maintain custom scripts to increase system efficiency and lower the human intervention time on any tasks.
* Check the status of the Jenkins, CI/CD and after completion of job check the application URLs.
* Creating and maintaining the Jenkins slaves for distribution of loads and running the parallel builds.
* Responsible for maintaining backups in Jenkins & verifying logs of jobs if build fails & fix them.
* Implemented network security measures, including firewalls, intrusion detection/prevention systems (IDS/IPS), and encryption protocols, to protect sensitive data from unauthorised access and cyberattacks.
* Conducted security audits and vulnerability assessments, identifying potential weaknesses in network configurations and implementing corrective actions.

## CitiBank Dec 2014 to Sep 2016

**Designation: DevOps engineer Roles and Responsibilities:**

* Provide systems administration support for Windows/Linux systems including server and workstation upgrades, backup and disaster recovery monitoring, and security administration.
* Worked on LVM, File system management, user management & involved in resolving Networking issues.
* Write and maintain custom scripts to increase system efficiency and lower the human intervention time on any tasks.
* Create and manage user accounts, groups, and permissions. Set up user access controls, manage password policies, and handle user authentication mechanisms.
* Implement security best practices to protect Linux systems. Apply system patches and updates, configure firewalls, and implement access controls. Monitor system logs for security events and respond to security incidents.
* Implement backup and recovery strategies to safeguard critical data and ensure system availability. Perform regular backups, test restore procedures, and maintain backup integrity.
* Perform DB operations to insert, update, and delete data within the database. Use SQL query languages to write and execute queries for data retrieval and modification.
* Communicating and coordinating with Client and internal teams for troubleshooting technical issues.

## Highest Qualification:

Bachelor’s in information technology from Murthy Institute of Technology & Sciences (JNTU Hyderabad) in 2013.

**Srikanth Beri**

* + Sanford, FL, US

# Contact Information

* + [6ty-miz-qhz@mail.dice.com](mailto:6ty-miz-qhz@mail.dice.com)
  + 9794881707

# Work History

**Total Work Experience: 9 years**

### Sr Aws Cloud/Devops Engineer Barclays

May 01, 2023

### Aws Devops Engineer Capgemini

Sep 01, 2018

### Aws Devops Engineer Terasoft

Dec 01, 2014

# Education

* + **Bachelors** | JNTUH

# Skills

* + **amazon route 53** - 9 years
  + **amazon s3** - 9 years
  + **amazon web services** - 9 years
  + **api gateway** - 9 years
  + **automation** - 9 years
  + **aws** - 9 years
  + **aws ecs** - 9 years
  + **azure devops** - 9 years
  + **cloud** - 9 years
  + **continuous integration** - 9 years
  + **devops** - 9 years
  + **ecs** - 9 years
  + **eks** - 9 years
  + **git** - 9 years
  + **jenkins** - 9 years
  + **kubernetes** - 9 years
  + **qa** - 9 years
  + **red hat linux** - 9 years
  + **scripting** - 9 years
  + **virtual private cloud** - 9 years
  + **amazon eks** - 8 years
  + **ansible** - 8 years
  + **lambda** - 5 years

# Work Preferences

* + Likely to Switch: True
  + Willing to Relocate: True
  + Travel Preference: 100%
  + Work Authorization:
    - US
  + Work Documents:
    - Have H1 Visa
  + Security Clearance: False
  + Third Party: True
  + Employment Type:
    - Contract - Corp-to-Corp

# Profile Sources

* + linkedin: ht[tps://www.linkedin.com/in/srikanth-beri](http://www.linkedin.com/in/srikanth-beri)
  + Dice: https://[www.dice.com/employer/talent/profile/a8c997732824be1b1da91fbc593d28fc](http://www.dice.com/employer/talent/profile/a8c997732824be1b1da91fbc593d28fc)