

SHRIDHAR CHAUGULE

Pune, Maharashtra, India

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Professional Summary:

AWS DevOps Engineer with 1+ years of experience in automating infrastructure, deploying cloud applications, and implementing continuous integration/continuous delivery (CI/CD) pipeline. Expertise in **AWS** services, **Terraform**, **Ansible**, and **Kubernetes**, with a focus on cost optimization, high **availability**, and infrastructure as code (IaC). Proven ability to streamline operations, **reduce deployment** times by **50%**, and ensure **99.99% uptime**.

Technical Skills:

Cloud Platforms: AWS (EC2, S3, RDS, Lambda, VPC, Route 53, IAM, CloudWatch), Azure, GCP

DevOps Tools: Terraform, Ansible, Jenkins, Git, Docker, Kubernetes, Prometheus, Grafana

CI/CD Tools: Jenkins, AWS CodePipeline, AWS CodeBuild, AWS CodeDeploy

Programming & Scripting: Python, Bash, Shell, YAML

Monitoring & Logging: AWS CloudWatch, Prometheus, Grafana, ELK Stack

Version Control & Automation: Git, GitHub, BitBucket, Terraform, Ansible

Databases: MySQL, PostgreSQL, DynamoDB, Amazon RDS

Security: AWS IAM, Security Groups, NACL, AWS KMS

Experience:

1) Softcode Techserve Ltd Mumbai

Project Name: healthspacessystems.com

Project Role: DevOps Engineer

May 2024 – Present

2) Hisan Labs Pvt Ltd Pune

Project Role: Cloud Engineer (Intern)

December 2023 - May 2024

Roles and Responsibilities:

- Managed **1,000+ server instances**, automating log management and facilitating the transfer of **10TB+ data** to **AWS S3** monthly.
- Upgraded **MySQL 5.7 databases** and **Ubuntu 18 servers** to improve performance and address end-of-life concerns.
- Automated infrastructure provisioning using **AWS CloudFormation**, **Ansible**, and **Terraform**, leading to a **60 % reduction** in deployment time.
- Implemented **CI/CD pipelines** using **AWS CodeCommit**, **CodePipeline**, **CodeDeploy**, and **Jenkins**, doubling release frequency and minimizing errors.
- Managed application deployments on **Amazon ECS** and **Amazon EKS**, ensuring high availability and scalability.
- Integrated security features using **AWS IAM**, **Security Groups**, **NACLs**, **AWS Organizations**, **AWS Control Tower**, **Amazon GuardDuty**, and **AWS Inspector** to ensure secure access and compliance.
- Monitored cloud activities using **AWS CloudTrail** and enforced compliance with **AWS Config**.
- Managed DNS services with **Amazon Route 53** and configured **Auto Scaling Groups** for high availability, utilizing **DynamoDB**, **Amazon S3**, **AWS Storage Gateway**, and **Amazon Athena** for efficient data management and analytics.
- Led migration projects for **20+ servers** between **AWS**, on-premise, and **GCP**, ensuring **99.99% uptime** and achieving 100% client satisfaction.
- Deployed and administered applications on **Linux** and **AWS EC2**, achieving 100% compatibility, while leveraging **AWS Lambda** and **containerization** to reduce costs by **30%** and deployment time by **50%**.
- Deploying end product in tomcat **web application** servers and other **application servers** before production.
- Checking and **automating** if the **Servers** are running **out of disk** And **Monitoring** of all the Services running on the servers by **Cloud Watch**.

- **Integrated** many tools with **Jenkins** like **Git**, **Maven**, **Ansible**, **SonarQube** and **Tomcat**. **Worked** on **Jenkins** by installing, configuring, and maintaining **continuous integration** (CI) and End-to-End automation for all builds and **deployments**. Configuring **Pre** and **Post**-build actions in Jenkins as per project requirements.
- Installed the **application packages** and made configuration changes on multiple **Servers** using **Ansible**. ➤ Creating **servers**, **AMIs**, and storage blocks in **S3** taking **snapshots**, **VPCs**, **subnets**, **load balancing**, and **Auto-scaling** in **AWS**.
- Administering **users**, **groups**, and **roles** & setting up policies by using **IAM** and also Creation of **VPCs**, **S3 buckets**, and **Ec2** Instances automating them through **Terraform**.

Certificates & Training:

- ❖ **AWS Cloud Practitioner (CLF-C02)** [Link](#)
- ❖ **AZ900: Microsoft Azure Fundamentals** [Link](#)
- ❖ **GCP Cloud Digital Leader Certification** [Link](#)
- ❖ **Prometheus Certified Associate (PCA)** [Link](#)
- ❖ **CKA Certification Course - Certified Kubernetes Administrator** [Link](#)

Relevant Coursework:

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| . Linux Administration | . Scripting and Automation | . Infrastructure as Code |
| . Cloud Computing | . DevOps Methodologies | . Web Server Management |
| . Monitoring and Logging | . Containerization and Orchestration | . Database Management |
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Projects:

❖ Blue-Green Deployment on AWS with Auto Scaling and Load Balancing

- . Implemented a **blue-green deployment strategy** on **AWS**, creating separate **production** and **release environments** to minimize downtime and enhance application reliability.
- . Utilized **Auto Scaling Groups (ASG)** and **Elastic Load Balancer (ELB)** to dynamically adjust **EC2 instances** based on traffic and ensure efficient traffic distribution.
- . Configured **CodeDeploy Agent** for automated deployments and established a **CI/CD pipeline**, improving resource management and application performance through traffic-switching strategies.

❖ Deploying a Spring Boot Application on AWS ECS with CI/CD Pipeline

- . Designed and implemented a **Spring Boot application** with **RESTful APIs** and database integration, ensuring robust application functionality.
- . Created a **Dockerfile** for containerization, enabling portability and consistency across environments, and configured **Amazon ECS** for deployment with optimal task definitions and service configurations.
- . Established a **CI/CD pipeline** using **AWS CodePipeline** and **CodeBuild** for automated building, testing, and deployment, alongside implementing monitoring and logging solutions with **AWS CloudWatch** to ensure performance and troubleshoot issues.

❖ Full-Stack Web Application Deployment on AWS EKS

- . Spearheaded the deployment of a **Three-Tier Web Application** using **ReactJS**, **NodeJS**, & **MongoDB** on **AWS EKS**, ensuring scalability and reliability.
 - . Utilized **Terraform** and **AWS CLI** for seamless infrastructure provisioning and implemented an efficient **CI/CD pipeline** with **Jenkins**, **SonarQube**, and **Terraform** for automated deployments.
 - . Enhanced application monitoring through **Helm**, **Prometheus**, and **Grafana**, and adopted **GitOps** practices with **ArgoCD** to streamline automated deployments and version control.
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Education:

Bachelors of Computer Application (BCA) from Shivaji University in 2020

Personal Details :

Full Name : Shridhar Basappa Chaugule
Date Of Birth : 18 November 1998
Gender : Male
Languages : English , Hindi , Marathi , Kannada

Place: Pune

Signature (Shridhar Chaugule)