

# SHRIDHAR CHAUGULE

Pune, Maharashtra, India



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## Professional Summary:

AWS DevOps Engineer with 2+ 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) ILI Technologies Ltd Bangalore

**Project Name:** healthspacessystems.com

**Project Role:** Cloud DevOps Engineer **August 2023 – Present**

### 2) Hisan Labs Pvt Ltd Pune

**Project Role:** DevOps Engineer (Intern) **March 2023 - August 2023**

## 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**.
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## 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**, and **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

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## Personal Details :

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

**Place:** Pune

**Signature (Shridhar Basappa Chaugule)**