






# DARSHAN SHINDE

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 BTM 1st stage, Bangalore, Karnataka

## Skills

- Cloud technology: AWS
- Operating system: LINUX
- Scripting Language: PYTHON, BASH
- Web-server tool: Apache Tomcat
- Version Control: GIT/GITHUB
- Integration tool: Jenkins CI/CD
- Containerization: Docker
- Orchestration: Kubernetes(Basics)
- Monitoring: Grafana

## Education

Bachelor of Engineering (ECE)  
S.G. Balekundri Institute of Technology  
Belagavi, Karnataka 07/2019 - 08/2023  
CGPA:7.17

P U College  
Rabindranath Tagore PU Collage  
Belagavi, Karnataka 03/2017 - 04/2019

Secondary Education  
Gomatesh Vidyapeeth  
Belagavi, Karnataka 06/2018 - 03/2018

## INTERPERSONAL SKILLS

- Drive to perform excellently.
- Enjoy problem-solving and continuous improvement.
- Take initiatives and Troubleshoot problems.
- Communication and Collaboration

## CAREER OBJECTIVE

Constantly seeking to engage my knowledge to learn and upgrade I keep challenging myself to be a better performer in accordance to the company's requirements. Good and quick learner, team player, love to learn new things, flexible with different technologies.

## PROJECTS

### FORTIFIED SERVER NETWORK INFRASTRUCTURE — AWS

- Deployed the server in private subnets for additional security, and server connect to internet by using NAT Gateway.
- Usage of Bastion Host to controlled and secure entry point.

### END TO END CICD IMPLEMENTATION — JENKINS, AWS, TOMCAT

- Created the servers using AWS EC2 instance running the Jenkins in instance.
- Pulling the code from GitHub compiling in Jenkins and deploying in Apache Tom cat
- Used Grafana Dashboards to monitor the performance

### IMPLEMENTED HIGH AVAILABILITY USING VPC PEERING — AWS

- My contribution : Implemented Virtual network peering connections for secure and efficient communication between the Virtual networks.
- Configured multiple public and private subnets within the nonproduction Virtual network

### AUTOMATED SERVER DATA BACKUP AND STORAGE SYSTEM WITH AWS S3

- Developed automated scripts using AWS CLI to create compressed backups of server directories and push them securely to S3 buckets daily. This ensures data redundancy and facilitates quick recovery in case of server failures.

## CERTIFICATES

LINUX OS	
Besant Technology	Bengaluru
Amazon Web Services (AWS)	
ScholarLogic by Rooman Technology	Bengaluru
Python Programming	
ScholarLogic by Rooman Technology	Bengaluru
DevOps	
ScholarLogic by Rooman Technology	Bengaluru

# TECHNICAL SKILLS

## AWS CLOUD

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- Good Expertise on **Migrating** application in to AWS.
- Performed application server builds in AWS EC2 environment.
- **IAM, EC2, EBS, EFS, VPC, ELB & S3 & Glacier, Route 53, Cloud Watch** and **Cloud Formation**.
- Peering Connection NAT Gateway WAF and pem and ppt file.
- Create snapshots and amazon machine images (AMI) of the instances for backup and creating clone instances.
- Utilized Cloud Watch to monitor resources such as EC2, CPU memory, Amazon RDS DB
- services, S3, EBS volumes
- Experience in secure **VPC** solutions in AWS with the help of **security groups**, public and private network configurations.
- Modifying EC2 instance with security groups to open or close port numbers.
- Database **RDS** Configuration Application integration and High availability with Configuration in database.

## DevOps

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- DevOps Architecture SDLC, AGILE, DevOps lifecycles.
- Configuration Management: Maintenance of source code Repository using **GIT Version Control**, commits, update and merge, creating branch and tags and resolving conflicts and Taking back up on time of the GIT repository.

### JENKINS CICD

- Created and configured multiple jobs on Jenkins for regular source code builds and deployments.
- Developed and maintained automated **CI/CD pipelines** for code **deployment** using Jenkins.

### MAVEN

- Created **EAR/WAR** file using Maven for deploying/build process.
- Maven Standard Jobs, Integration, Goals and Dependencies files to build.

### TOMCAT

- Hands-on experience in installation and configuration of ApacheTomcat
- Deployed WAR file in **ApacheTomcat**

### DOCKER

- Good Understanding of Docker architecture
- Created image/container backups and customized images using Dockerfile.
- Hands-on knowledge of Docker containers and container orchestration system, Kubernetes.
- Good Understanding between Docker swam and **Kubernetes**.
- Spinning up of the containers, and mounting volumes.
- Configuring the bridge network.

### MONITORING

- Configured Dashboards using **Grafana** to provide real-time insights into system and application performance