

Harshwardhan Jadhav

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SUMMARY

Motivated **AWS Cloud** and **DevOps** fresher seeking real-world experience in **cloud-native** technologies, **GitOps**, and modern infrastructure practices. Distinguished by hands-on project experience with comprehensive tech stacks and commitment to developing presentation skills for industry summits and **CNCF** ambassador roles. Passionate about **AWS cloud services** and dedicated to mastering **serverless, event-driven** architectures alongside **Kubernetes** orchestration.

SKILLS

- **Infrastructure as Code (IaC):** Terraform, YAML.
- **Containers & Orchestration:** Docker, Kubernetes.
- **Cloud Platforms:** AWS (EC2, S3, IAM, EC2, VPC, SNS, Lambda, RDS, API Gateway, S3, CloudWatch, EKS).
- **Scripting & Programming:** Bash Shell, Python-boto3, HCL, YAML.
- **System Tools:** Linux (RHEL), CLI.
- **Practices & Methodologies:** ArgoCD, Agile, DevOps Lifecycle.
- **CI/CD:** Jenkins, ArgoCD, Ansible (Configuration Management).
- **Soft Skills:** Excellent Communication, Collaboration, Conflict Resolution, Time management, Problem-Solving.

CERTIFICATION

- **AWS Solutions Architect & Associate**
Amazon Web Services (AWS) Nov 2024 – Nov 2027

EXPERIENCE

- **Company:** LinuxWorld Informatics Pvt. Ltd.
- **Position:** DevOps Technical Intern
- **Duration:** January 2025 - Present.

PROJECTS

Two-Tier EKS Application Architecture

- Architected **Flask** frontend with **LoadBalancer** service and **MySQL ClusterIP** configuration on **AWS EKS**.
- Integrated persistent volumes ensuring **99% data availability** and seamless application scaling.
- Delivered containerized solution reducing deployment complexity by **50%**.

Infrastructure-as-Code WordPress/MySQL Deployment

- Provisioned complete **AWS** infrastructure using **Terraform** including **VPC, subnets, IGW, route tables, EC2, RDS**.
- Automated **WordPress** installation through **Terraform Provisioners** connecting to **RDS MySQL endpoint**.
- Established secure database connectivity achieving **100%** configuration accuracy.

Serverless Event-Driven Audio Transcription Pipeline

- Engineered **REST API Gateway** accepting audio file uploads that automatically **trigger S3 storage** events.
- Designed **Lambda** function utilizing **Boto3** to invoke **AWS Transcribe** service for **audio-to-text** conversion.
- Constructed **event-driven** workflow where **S3** triggers **Lambda** and **SNS notifications** for seamless processing.
- Automated transcribed text storage to dedicated output **S3** bucket achieving **85%** processing accuracy.
- Deployed complete infrastructure using **Terraform** reducing manual configuration by **70%**.

EDUCATION

- **Bachelor of Computer Applications (BCA)**
Vidyadhan College, **BAMU University** Chh.Sambhajnagar, Maharashtra Jun 2021 – Jul 2024