

Revally Kiran  
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## AWS Certified Solutions Architect and AWS Certified Developer with 7 years of technical experience in CI/CD pipelines, Terraforms, Ansible, Kubernetes, and AWS design

### TECHNICAL SKILLS

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- **Cloud Platforms:** AWS (EC2, S3, RDS, VPC, IAM, CloudWatch, Lambda)
- **Security & Compliance:** Security Event Investigation, Incident Response, IAM Policies,
- **Automation & IaC:** Terraform, AWS CloudFormation, Ansible
- **Monitoring & Logging:** AWS CloudWatch, DataDog, Splunk, ELK Stack (Elasticsearch, Logstash, Kibana)
- **Containerization & Orchestration:** Docker, Kubernetes (EKS)
- **CI/CD Tools:** Jenkins, GitLab CI, GitHub Actions
- **Scripting:** Python, Bash, YAML, JSON
- **Networking:** VPC, Security Groups, Route 53, VPN

### CERTIFICATIONS

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- **AWS Certified Developer, AWS Certified Solutions Architect , Google Cloud Certified Cloud Architect (In Progress)**

### PROFESSIONAL EXPERIENCE

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**Role: Senior DevOps Engineer**  
**Client: UNH, CT, Newyork**

**Mar 2023 – May 2024.**

- **Developed Jenkins CI/CD pipelines** to automate services build, integration, and delivery processes.
- **Built and deployed applications on AWS EKS**, automating deployment, updates, and infrastructure maintenance using Terraform.
- **Implemented monitoring and logging using AWS CloudWatch, DataDog, and Splunk** for real-time analysis of AWS infrastructure and cloud-based applications.
- **Managed key AWS services** including EC2, ELB, Route53, EBS, S3, ECS, ECR, SNS, IAM, and CloudWatch.
- **Architected highly available, fault-tolerant AWS cloud infrastructure**, utilizing EBS, EC2 snapshots, and RDS backups. Developed Terraform scripts to automate cloud infrastructure provisioning on secure VPCs.
- **Created Ansible Playbooks** for consistent environment configuration management.
- **Led CloudOps cost reduction initiatives**, optimizing and consolidating AWS resources.
- Documented cloud functions, processes, and best practices in Confluence to support organizational cloud strategy.
- Conducted R&D/PoC for emerging DevOps tools and provided feedback to vendors and management.

**Role: DevOps Engineer**  
**Client: Tech Mahindra, Mumbai, India**

**Nov 2020 – Feb 2023.**

- **Migrated multiple services from on-prem to AWS Cloud**, including service design and automation.
- **Tracked server metrics using monitoring tools**, isolating and resolving application failure points.
- **Built end-to-end pipelines from SVM to dev/prod environments** for efficient deployments.
- **Planned and executed the migration of legacy applications to AWS**, ensuring high availability and minimal downtime.

**Role: Software Engineer**  
**Client: Accenture, Bangalore, India**

**Sep 2017 – Oct 2020.**

- **Scheduled and managed container deployments using Kubernetes** for efficient cluster operations.
- **Migrated services from managed hosting to AWS**, covering service design, network setup, data migration, automation, and deployment.
- **Built Jenkins jobs** to create AWS infrastructure from GitHub repos containing Terraform code, integrating Jenkins with tools like Nexus, SonarQube, and Ansible for seamless builds.
- **Maintained Jenkins for CI/CD pipelines**, ensuring smooth development and production workflows.
- **Helped set up Terraform and Ansible**, managing AWS resources for infrastructure automation.

### EDUCATION

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**Master's in computer science & engineering (GPA-3.70) University of Newhaven.**

**Key Courses:** Cloud Computing, Web Technologies, Advanced C++ Programming, Database Management