

Revally Kiran
Phone: (475) 243-5666
Email: revellykirankittu@gmail.com
LinkedIn: <https://www.linkedin.com/in/revally-kiran/>



AWS Certified Solutions Architect and Developer with 6 years of technical experience in CI/CD pipelines, Python, Terraforms, Ansible, Kubernetes, and AWS design

TECHNICAL SKILLS

- **Cloud Platforms:** AWS (EC2, S3, RDS, VPC, IAM, CloudWatch, Lambda, EKS, ECS, ECR)
- **DevOps Tools:** Jenkins, GitLab CI, GitHub Actions, Docker, Kubernetes
- **Infrastructure as Code:** Terraform, AWS CloudFormation, Ansible
- **Monitoring & Logging:** AWS CloudWatch, DataDog, Splunk, ELK Stack
- **Scripting & Programming:** Python, Bash, YAML, JSON
- **Networking:** AWS VPC, Security Groups, Route 53, VPN
- **Security:** IAM Policies, Security Event Investigation, Incident Response

CERTIFICATIONS

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

PROFESSIONAL EXPERIENCE

Senior DevOps Engineer
UNH, CT, Newyork

Mar 2023 – May 2024.

- Migrated services from **managed hosting to AWS**, developing **Python** scripts for data migration and deployment automation
- **Developed Jenkins CI/CD pipelines** to automate services build, integration, and delivery processes.
- Developed **Terraform** scripts and **Python-based AWS Lambda** functions to automate cloud infrastructure provisioning on secure VPCs.
- Managed key AWS services including **EC2, ELB, Route53, EBS, S3, ECS, ECR, SNS, IAM, and CloudWatch**.
- Implemented monitoring and logging using **AWS CloudWatch, DataDog, and Splunk**, creating custom **Python scripts** for real-time analysis of AWS infrastructure.
- Architected highly available, **fault-tolerant AWS** cloud infrastructure, utilizing **EBS, EC2 snapshots, and RDS backups**.
- 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.

DevOps Engineer
Tech Mahindra, Mumbai, India

Nov 2020 – Feb 2023.

- Scheduled and managed **container deployments** using **Kubernetes** for efficient cluster operations.
- Implemented **Python-based** monitoring solutions using **AWS SDK (Boto3)** for custom metric collection and alerting
- Built and deployed applications on **AWS EKS**, automating deployment, updates, and infrastructure maintenance using **Terraform**.
- 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.
- Implemented custom **Prometheus** exporters in **Python** for application-specific metrics in **Kubernetes** clusters

Software Engineer
Accenture, Bangalore, India

Sep 2017 – Oct 2020.

- Successfully **migrated on-premises** applications to **AWS Cloud**, ensuring zero downtime during transition.
- Designed and implemented end-to-end **CI/CD pipelines**, increasing deployment frequency
- Tracked server metrics using **monitoring tools**, isolating and resolving application failure points.
- Implemented Infrastructure as Code (**IaC**) using **Terraform** and **AWS CloudFormation**, reducing provisioning time

EDUCATION

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

Graduate Student Merit Scholarship | Research Assistant.

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