

Raviteja Reddy Maruri

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PROFILE SUMMARY

- Having **7+ yrs** of experience as a **DevOps Engineer** in application configuration, code compilation packaging, building, automating, managing, and releasing code from one environment to other environment and deploying to servers and fixing issues on failures
- I specialize in building **scalable AWS infrastructure** using services like **EC2, S3, RDS, Lambda, IAM, VPC, and Route 53**, following **best practices for high availability and cost efficiency**.
- Defined infrastructure as code using **Terraform, AWS CDK, and CloudFormation**, creating **modular, reusable templates** that cut environment setup time by **over 60%**.
- Migrated teams from manual provisioning to **automated cloud deployments**, reducing human error and enabling faster, more consistent environments across dev, staging, and production.
- Designed and implemented robust **CI/CD pipelines** using **Jenkins, GitHub Actions, AWS CodePipeline**, integrating unit tests, security scans, Docker builds, and **blue-green deployments**.
- Integrated **ArgoCD** for **GitOps-based deployments** on EKS, enabling version control, traceability, and safe automatic rollbacks, reducing deployment time from hours to **under 15 minutes**.
- Containerized applications using **Docker** and deployed them to **Kubernetes clusters (EKS, OpenShift)**, managing **Helm charts, autoscaling (HPA)**, and zero-downtime rollouts.
- Implemented **monitoring and observability** with **Prometheus, Grafana, CloudWatch, ELK Stack, and Splunk**, reducing issue detection time by **90%** and increasing uptime.
- Managed secrets across multi-cluster environments using **HashiCorp Vault and AWS Secrets Manager**, enhancing security posture and compliance.
- Automated patch management and routine maintenance for **150+ EC2 servers** using **Ansible and AWS Systems Manager**, shrinking maintenance windows from **10 hours to 1 hour**.
- Wrote automation scripts in **Python, Bash, and PowerShell** to streamline operations—such as compliance reporting, cloud resource tagging, and Lambda task automation.
- Built a custom **Go-based CLI tool** to automate internal DevOps workflows, saving the team **200+ hours per quarter** on repetitive tasks.
- Introduced **SonarQube** for code quality checks and integrated it into Jenkins pipelines, reducing vulnerabilities and code smells by **40%**.
- Managed **Docker image registries** including **DockerHub and Harbor**, creating custom images and maintaining secure container delivery workflows.
- Oversaw **GitHub repository administration** including access control, branching strategy, PR reviews, and CI triggers, improving team collaboration and deployment velocity.
- Refactored **monolithic applications into microservices**, enabling faster deployments, improved scalability, and independent service lifecycle management.
- Executed **L1 and L2 production support**, troubleshooting incidents related to system performance, port conflicts, CPU/memory, and ensuring resolution within defined SLAs.
- Maintained and deployed **Salesforce metadata** across environments using **Jenkins, Ant, and GitHub**, automating daily builds and release pipelines for Apex components.
- Demonstrated strong team collaboration, working closely with **developers, testers, product owners, and security teams**, actively participating in sprint ceremonies and incident management.
- Recognized for strong problem-solving and ownership mindset, with a proven track record of **delivering stable, secure, and scalable DevOps solutions** on time and within scope.

EDUCATION

California State University, Long Beach

Master of Science in Computer Science

Long Beach, CA

Jan 2023 – Dec 2024

- Cumulative GPA: 3.6/4
- Coursework: Distributed Computing, Data Structures, Object-oriented Analysis and Design, Software Engineering, Machine Learning, Web Development.

EXPERIENCE

Sr. DevOps Engineer

Chevron Corporation

Jul 2024 – Present

San Ramon, California, USA

- Led full migration of a monolithic legacy application to a cloud-native **AWS** environment using **Terraform** and **Kubernetes**, eliminating manual provisioning and reducing deployment time from **3 hours** to under **20 minutes**.
- Architected and implemented a **GitHub**-triggered **Jenkins CI/CD pipeline** to automate builds, unit tests, and deployments—accelerated release cycles by **60%** and reduced manual errors by **80%**.
- Integrated **Maven** and **SonarQube** into **CI** workflows to enforce code-quality gates, cutting post-deployment defects by **45%** over three quarterly releases.
- Leveraged **Amazon CodeGuru** for **AI-driven code reviews**, identifying **30+** performance bottlenecks and **10+** security risks across microservices within the first month of implementation.
- Containerized over **25 microservices** using **Docker**, published images to **Amazon ECR**, and deployed to **Amazon EKS** via an **ArgoCD**-powered **GitOps** pipeline—cutting deployment rollbacks by **40%**.
- Authored **Helm charts** to configure **Kubernetes resources** and **Horizontal Pod Autoscalers**, resulting in **3x** better resource utilization and **50%** reduction in over-provisioned compute costs.
- Configured **Kubernetes** and **OpenShift clusters** with strict security policies using native **RBAC**, **PodSecurityPolicies**, and **NetworkPolicies**—ensuring namespace isolation, secure ingress control, and audit compliance.
- Defined infrastructure as code using **Terraform** and **AWS CDK**, retiring **2000+** lines of legacy **CloudFormation** and cutting provisioning time by **65%** through modular templates.
- Built end-to-end monitoring with **Prometheus**, **Grafana**, **ELK Stack**, and **CloudWatch anomaly detection**, reducing mean-time-to-detect (MTTD) by **70%** and slashing incident investigation time.
- Automated incident response via **ServiceNow** integration, achieving SLA adherence for **95%** of **P1/P2** tickets and reducing average resolution time by **40%**.
- Hardened pipeline security with **HashiCorp Vault** and **AWS Secrets Manager**, enabling dynamic secrets rotation and reducing credential leakage risk across **4** environments.
- Developed a **Go-based CLI tool** to automate internal tasks, saving **200+** developer hours per quarter and improving script reuse by **60%**.
- Wrote **Python ML scripts** to analyze **AWS billing** and usage data, uncovering optimization insights that cut monthly cloud spend by **18%**.

Cloud & DevOps Engineer

Skyworks Solutions

Mar 2023 – Jun 2024

Irvine, California, USA

- Participated in **daily standups**, **sprint planning**, and **weekly status calls**, ensuring clear communication and timely task updates to leads and stakeholders.
- Designed and implemented a standardized release process and trained the development team to follow versioning and branching best practices, reducing merge conflicts by **35%**.
- Automated infrastructure provisioning using **AWS CloudFormation** to deploy **VPCs**, **EC2**, **ELBs**, **NAT**, and **security groups**, reducing setup time by **60%**.
- Managed EC2 deployments with **Auto Scaling Groups** and **custom AMIs**, improving **scalability** and **availability** by over **45%** across production environments.

- Created and maintained **S3 buckets** with **lifecycle policies** and **bucket-level permissions**, cutting redundant storage costs by **25%** via automated archival.
- Configured **Elastic Load Balancers (ELBs)** with varied **launch configurations**, reducing failover time to under **2 minutes** and ensuring high availability.
- Installed and configured **Jenkins** with **master-slave architecture**, integrated with **GitHub webhooks**, and automated CI/CD pipelines—reducing manual deployment time by **50%**.
- Integrated **SonarQube** with Jenkins pipelines to enforce **code quality gates**, reducing technical debt and code smells by **40%** across multiple teams.
- Built and deployed **Docker containers** using custom **Dockerfiles**, pushed images to **DTR**, and standardized environments from local dev to production.
- Deployed and managed **Kubernetes clusters**, troubleshoot **pod networking** and volume issues, and maintained **99.9% uptime** with 30% fewer deployment failures.
- Created reusable **Ansible playbooks** for configuration, patching, and deployment tasks, automating routine operations and saving over **20 hours/month**.
- Monitored **Linux-based EC2 instances**, resolved incident tickets within **defined SLAs**, and maintained **98% compliance** for uptime and system health.

DevOps Engineer

Jan 2021 – Dec 2022

Cognizant Technology Solutions Pvt. Ltd

Hyderabad, India

- Participated in **daily Agile ceremonies** and provided clear task updates during standups and weekly calls, improving cross-functional collaboration across development and operations.
- **Designed and implemented a scalable CI/CD pipeline** using **Jenkins** with multi-component jobs to support weekly and out-of-cycle releases—reducing manual intervention by **70%**.
- Built and maintained **Jenkins pipelines** to automate Docker builds and deploy to **Kubernetes clusters**, resolving build failures and deployment issues with improved **95% deployment success rate**.
- Integrated **SonarQube with Jenkins** using **Gradle scanner** for continuous code quality inspection—helped reduce code smells and static vulnerabilities by **35%** across Android and iOS projects.
- **Automated repetitive deployment tasks** using **Ansible**, speeding up production releases by **60%** and minimizing manual errors in configuration updates.
- **Provisioned and configured servers** for different application environments (QA, STAGE, PROD), supporting high-availability and timely releases for multiple teams.
- Onboarded and supported over **15+ iOS and Android mobile apps** into the CI/CD pipeline, integrating with **GitHub** and **HPE servers** for end-to-end delivery automation.
- Led **release coordination** and maintained source code repositories, branches, and version tags—supporting major and minor releases with **zero rollback incidents** in 6+ months.
- Worked with globally distributed teams to provide **24/7 application and deployment support** across **multi-environment setups**, consistently meeting SLAs and uptime goals.
- Performed **root cause analysis (RCA)** for production issues, proactively resolving application outages and reducing incident recurrence by **40%**.
- Developed and supported **Liferay-based applications** from version 4.x to 6.2, working on **MVC portlets, content management, collaboration, and social modules**.
- Automated **Liferay module deployments via Jenkins pipelines**, accelerating the deployment process and ensuring the latest code was delivered with minimal delay to end users.

SFDC-Platform Engineer

Mar 2019 – Dec 2020

Legacy Health

Bangalore, India

- Maintained **GitHub branching strategy** across multiple teams for automating Salesforce deployments, ensuring code segregation and promoting reliable component tracking.
- Developed **Groovy scripts** in **Jenkins** for automation pipelines, stored in **GitHub** repositories to enable repeatable and version-controlled deployment processes.

- Installed and configured **Jenkins plugins** for **GitHub** integration, **Ant migration tool**, and parameterised builds, streamlining metadata deployments across environments.
- Automated daily builds of **Salesforce components** including **Apex classes**, **Visualforce pages**, **triggers**, and **custom settings**, reducing manual errors and improving release efficiency.
- Created and managed **Ant-based deployment configurations** using `build.xml`, `build.properties`, and `package.xml` to move metadata between **Salesforce sandboxes** and production.
- Wrote **batch scripts** to dynamically generate `package.xml` files based on component changes, accelerating deployment readiness by **30%**.
- Used **Jenkins with** parameterised builds to deploy Salesforce packages from dev to test, train, and production sandboxes during each **MTP cycle**, ensuring consistent rollouts.
- Executed various **manual pre- and post-deployment** tasks in Salesforce, configuring environments per business requirements after each release.
- Refreshed and reconfigured multiple **Salesforce sandboxes** across **QA**, **staging**, and training environments to align with upcoming release schedules.
- Coordinated with developers to retrieve updated components from **SAS-Prime sandbox**, integrated with GitHub workflows for deployment validation.
- Enabled **daily code deployments** to test sandboxes using Jenkins-triggered Ant scripts, supporting iterative development and agile release cycles.
- Designed multiple **email templates for auto-responses to customers**, improving communication efficiency and reducing support delays.

TECHNICAL SKILLS

Programming Languages: Java 8+, Python, JavaScript, TypeScript, SQL, Bash, PowerShell, Go

Frameworks & Technologies: Spring Boot, Hibernate, JPA, RESTful APIs, Microservices, Angular, React.js, GraphQL, Liferay

Cloud Platforms: AWS (EC2, S3, RDS, Lambda, IAM, VPC, Route 53, EKS, CloudWatch, CloudTrail, SSM), Azure
DevOps & IaC: Jenkins, GitHub Actions, AWS CodePipeline, ArgoCD, Docker, Kubernetes, Helm, Ansible, Terraform, AWS CDK, CloudFormation

Monitoring & Logging: Prometheus, Grafana, ELK Stack, CloudWatch, Splunk

CI/CD & Automation: Jenkins Pipelines, GitOps, Groovy, Shell scripting, Ant, Maven, Gradle, Go-based CLI tools
Security & Secrets Management: AWS Secrets Manager, HashiCorp Vault, OAuth2, JWT, Spring Security, RBAC, Conjur

Testing Tools: JUnit, Mockito, Selenium, Postman, Integration Testing, SonarQube, Code Coverage, Static Code Analysis

Databases: MySQL, PostgreSQL, Oracle, MongoDB, Cassandra, Redis, DynamoDB

Version Control & Collaboration: Git, GitHub, GitLab, Bitbucket, Jira, Confluence, ServiceNow

Architecture & Design Patterns: SOLID Principles, Strategy, Adapter, Repository, Decorator, SOA, Microservices, Object-Oriented Design

Messaging & Integration: Apache Kafka, AWS MSK, REST APIs, Messaging Architecture, Webhooks

Salesforce Tooling: Apex, Visualforce, Metadata API, Ant Migration Tool, `package.xml`, `build.xml`

Soft Skills: Mentoring, Documentation, Incident Management, Communication, Agile Collaboration, Cross-functional Teamwork