**PRABHAKAR YANAMALA**

prabhakaryanamala250@gmail.com | +1 763-485-4299

# SUMMARY

AWS DevOps Engineer with extensive experience over 4+ years in managing and automating cloud infrastructure using AWS services, Docker, Kubernetes, and Terraform. Proven track record in designing and implementing CI/CD pipelines with Jenkins and Code Pipeline, enhancing deployment frequency and reducing release times. Adept at integrating serverless architectures with AWS Lambda for event-driven applications. Skilled in monitoring and logging solutions using CloudWatch, Elasticsearch, Prometheus, Grafana, New Relic, and Splunk. Expertise in infrastructure as code (IaC) with Hashicorp Terraform and proficient in version control tools such as GitHub and Bitbucket. Successfully led server migration projects from on-premise to AWS cloud environments. Career goal: to leverage DevOps expertise to drive innovation and efficiency in cloud-based solutions. Skilled in PaaS delivery via Azure App Services and Azure DevOps. Skilled in PowerShell, Python, JSON, and Java for automation and scripting. Proven track record of enhancing deployment efficiency, ensuring compliance, and improving customer satisfaction.

**TECHNICAL SKILLS**

* **Cloud Platforms**: AWS (IAM, EC2, S3, RDS, VPC, EKS, ECS, Lambda, Route53, CloudWatch, IAM, Secrets Manager, Elasticsearch) Azure (virtual machine, Azure Storage, Keyvaults, AKS), Azure App Services, Azure DevOps.
* **DevOps Tools**: Docker, Kubernetes, Ansible, Terraform, CodePipeline, CodeBuild, CodeDeploy, CloudFormation
* **Integrating Tools**: Jenkins, bamboo
* **Networking**: DNS, Load Balancers, Firewalls
* **Security Tools**: SAST, DAST, SCA, IAST, SysDig, WiZ, GitGuardian,
* **Scripting Languages**: PowerShell, Python, Shell Scripting, YAML, JSON, Java
* **Monitoring & Logging**: AWS CloudWatch, Prometheus, Grafana, Kibana, Site24x7, AppDynamics
* **Version Control**: GitHub, Bitbucket
* **Code Quality**: SonarQube, Code Insight and Checkmarx
* **Deployment Tools**: UCD, Microsoft partner centre, DMS
* **Operating Systems**: Windows, Linux
* **Databases**: MySQL, SQL Server
* **ITSM Tools**: Jira, Maven and ServiceNow

**PROFESSIONAL EXPERIENCE**

**AWS DevOps Engineer**  
***Citi bank| USA*  *Sep 2024 — Present***

* Designed and managed CI/CD pipelines in Jenkins integrating with GitHub, automating build, test, code quality checks, and deployments.
* Implemented SonarQube for static code analysis in Jenkins pipelines, ensuring code quality and reducing technical debt across projects.
* Managed artifact versioning and storage using Nexus Repository Manager; automated uploads of build artifacts and Docker images.
* Built and deployed containerized applications using Docker; optimized Docker files for image size and build performance.
* Developed and maintained Ansible playbooks for provisioning infrastructure, application configuration, and environment consistency across dev, QA, and prod.
* Orchestrated Kubernetes deployments on Azure Kubernetes Service (AKS) using Helm, improving release speed and rollback capability.
* Integrated ServiceNow workflows for change management and automated ticket creation for deployment approvals and incident handling.
* Supported and monitored production deployments; handled pipeline failures, incident resolution, and coordinated with development teams.
* Developed automation scripts for deployment validation using SQL queries on RDS and SQL Server databases.
* Implemented proactive monitoring and logging using tools like Prometheus and Grafana for better system observability.
* Generated and updated SSL certificates in NGINX Server for all internal DevOps tools.
* Managed AWS services focusing on containerized applications using EKS, ECS, EC2, RDS, S3, and VPC.
* Specialized in troubleshooting services and applications.
* Integrated AWS services with serverless Lambda functions.
* Developed monitoring and alerting solutions using CloudWatch and Elasticsearch.
* Implemented IaC using Terraform and CloudFormation.
* Automated serverless functions for event-driven applications.
* Enhanced security through IAM roles, monitoring, encryption, and compliance.
* Administered Git and Bitbucket repositories.
* Resolved technical incidents for customers by collaborating across DevOps and development teams, ensuring SLA compliance and customer satisfaction.
* Completed server migration from on-premise to AWS using MGN agents and CMF.
* Collaborated with development teams for efficient build and deployment processes.

**AWS DevOps Engineer**  
***Atos Syntel | Transamerica | Chennai****,* ***India* *Aug 2020 — Dec 2023***

* Automated infrastructure management using Ansible, Terraform, and CloudFormation.
* Integrated DevOps tools with AWS services.
* Designed and implemented highly available and scalable cloud solutions.
* Built and managed Jenkins Master-Slave architecture.
* Managed Docker containers and created multiple Docker images.
* Implemented IAM roles, security policies, and MFA.
* Supported production and DevOps teams with technical hotfixes.
* Used Git workflows for version control.
* Worked with cross-functional teams on infrastructure requirements and deployments.
* Integrated Checkmarx into Jenkins CI/CD pipelines.
* Experience with SAST, DAST, SCA, IAST security tools.
* Assisted in threat modelling and vulnerability management.
* Worked with AWS security (IAM, security groups, encryption).
* Automated security tasks with Python and PowerShell.
* Monitored infrastructure security using Dynatrace.
* Managed Docker images and deployed artifacts in ECR.
* Orchestrated containers using Kubernetes and EKS.
* Conducted infrastructure monitoring and root cause analysis.
* Improved cloud provisioning with Terraform.
* Supported security code reviews and vulnerability triaging.
* Used Bitbucket, Jenkins, ECR, EKS, Dynatrace, AWS, Docker, Kubernetes.

**Achievements**

* Excellence in Project Delivery Award for delivering large-scale projects on time.
* "Above and Beyond Award" for on-time deliverables with zero escalations.
* Organized and managed corporate events for 10+ employees.

**Certification**

* Microsoft Azure Fundamentals (AZ-900) — Valid through 08/2025

**Education**

**Concordia University, Saint Paul, Minnesota**  
Master of Information Technology Management

* Courses: IaaS, PaaS, SaaS, Visualization, Vulnerability Management, Documentation, Security Tools Integration, Security Best Practices, Application Security, Remediation, Continuous Improvement, Network Security, cost analysis, autoscaling.

**Audisankara College of Engineering and Technology, India**  
Bachelor of Technology, Electrical and Electronics Engineering

* Courses : C/C++, Java, Database Management