Samad S

Data Engineer, 7+ years experience
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Experienced Senior DevOps Engineer with 7 years of expertise in Azure, AWS, Terraform, CI/CD pipelines, Docker, Kubernetes, and automation. Strong background in cloud infrastructure, security, IAM, release management, and end-to-end DevOps delivery across enterprise environments. Known for solving complex deployment challenges, improving reliability, and driving automation at scale.

INDUSTRIES: FinTech Financial Services, IT Services Cloud Enterprise Technology

TECHNICAL SKILLS

• DevOps mindset	7 years
• CICD pipelines	7 years
• Terraform	5 years
• PowerShell	4 years
• Azure IAM + RBAC	3 years

SOFT SKILLS

Communication skills

PROJECT DETAILS

• BAU Workflow December-2023 - October-2025

Project Description: Automated BAU workflows, implemented Docker-based CI/CD components, optimized Jenkins pipelines, integrated SonarQube, migrated Tomcat servers, enhanced access control, improved microservices deployment, and automated ETL pipelines using AWS Glue.
Responsibilities: Automated BAU reminder workflows through PagerDuty, Outlook, ServiceNow, Teams Planner, and Excel Designed & implemented Dockerised CI/CD components Built & optimized Docker images and containers Managed Jenkins Master-Slave architecture Developed and maintained Jenkins pipelines with access control Integrated SonarQube for automated code quality checks Migrated Tomcat servers (v6 to v7) Managed Git branching strategies Created Ansible playbooks & Chef cookbooks Developed ETL pipelines using AWS Glue Deployed applications on Tomcat & JBoss Performed release management, auditing, and production validations
Technologies: Docker, Jenkins, Git, SonarQube, Ansible, Chef, Apache Tomcat, JBoss, ETL (AWS Glue), PagerDuty, ServiceNow, MS Teams, Outlook
Industry: FinTech Financial Services

• Automation & DevOps Pipelines October-2018 - November-2023

Project Description: Managed cloud infrastructure on Azure & AWS, automated provisioning using Terraform, implemented CI/CD with Jenkins, Docker, and Kubernetes, enhanced monitoring via Datadog, improved security posture on Azure, and managed end-to-end pipelines with multiple DevOps tools.
Responsibilities: Deployed and managed cloud infrastructure on Azure & AWS Implemented IaC using Terraform Built real-time monitoring dashboards using Datadog Managed AWS environments (EC2, VPC, IAM, RDS, S3, ELB) Strengthened Azure cloud security posture and resolved vulnerabilities Automated CI/CD pipelines using Jenkins, Docker, Kubernetes Integrated SonarQube into pipelines for code quality Managed Git branching strategies Provisioned virtual machines and networking components Migrated on-prem workloads to cloud Coordinated code deployments with release teams Managed IAM roles and JSON policies Troubleshot build & deployment failures Applied WebLogic patches and conducted release validation
Technologies: Azure, AWS, Terraform, Docker, Kubernetes, Jenkins, GitHub, Datadog, Nagios, SonarQube, Maven, Nexus, Python, Shell Script, YAML
Industry: IT Services Cloud Enterprise Technology

EMPLOYMENT HISTORY

• Senior DevOps Engineer December-2023 - October-2025

Description: Automated BAU reminder workflows by integrating PagerDuty, Outlook, ServiceNow, MS Teams Planner, and Excel, improving operational efficiency and reducing manual follow-up tasks. Designed and implemented Docker-based CI/CD components with custom configurations, streamlining build and deployment processes across multiple environments. Built, maintained, and optimized Docker images and containers, resolving environment specific issues and enabling smooth microservices deployment. Improved reliability and performance of Dockerized environments across development and pre-production stages through continuous monitoring and tuning. Configured and maintained Jenkins Master-Slave architecture to achieve efficient load balancing and high availability of CI/CD pipelines. Developed and managed Jenkins pipelines with granular access control, troubleshooting job failures, and optimizing pipeline execution across DEV, QA, UAT, and PROD stages. Integrated SonarQube with Jenkins to perform automated code quality analysis for Java applications, ensuring adherence to development standards. Implemented automated build notifications in Jenkins via email to provide real-time visibility into build and deployment outcomes. Led the migration of Tomcat servers from version 6 to 7, ensuring backward compatibility and minimal downtime during transition. Managed Jenkins auditing, security, and authorization policies to maintain compliance and enforce project-based access management. Developed and maintained Git branching strategies for version control, including environment-specific branches, baselines, and merges for release management. Utilized Maven and Ant for automated build management, generating JAR/WAR/EAR files and integrating artifact movement through Jenkins pipelines. Authored Ansible playbooks and Chef cookbooks to automate infrastructure provisioning, configuration management, and application deployments. Leveraged Ansible for server setup, configuration automation, and deployment orchestration across multiple environments (DEV/QA/STG/PROD). Developed and maintained ETL pipelines using AWS Glue, automating data extraction, transformation, and loading processes to ensure seamless data flow across environments. Deployed applications across Apache Tomcat and JBoss servers, automating environment promotions and reducing manual deployment errors. Collaborated with release and SCM teams to prepare release notes, deployment instructions, and manage production release communication and validation.

EDUCATION

• Bachelors degree in computer from JNTUA 2014 - 2017

LANGUAGES

• English - native

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