Brajesh B

DevOps Engineer, 5+ years experience
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Over 5+ years of professional experience in DevSecOps, cloud infrastructure management, and Python-based application development, with expertise in designing, automating, and maintaining scalable solutions in AWS environments. Proficient in implementing FedRAMP Moderate controls, with strong knowledge of NIST 800 -53 and cloud security frameworks. Hands-on experience in hardening AWS environments using Security Technical Implementation Guides (STIGs) and industry best practices. Skilled in securing Infrastructure-as-Code (IaC) using Terraform, ensuring configuration compliance, vulnerability scanning, and risk mitigation. Expertise in building and integrating DevSecOps pipelines, embedding security checks at each stage of development and deployment. Familiar with tools like Snyk, Nessus, Aqua Security, and Tenable to scan containers, codebases, and cloud configurations. Strong in patch management, identifying and remediating vulnerabilities across servers, containers, and dependencies. Experienced in creating security documentation and compliance evidence for audits and certifications including FedRAMP Moderate. Adept at conducting and coordinating security testing like configuration audits, code reviews, and external penetration testing. Proven ability to collaborate with cross-functional teams to align development and security goals in cloud-native systems. Deep understanding of CI/CD tools (Jenkins, GitLab CI, GitHub Actions) and embedding automated security checks. Extensive exposure to AWS native security services including IAM, GuardDuty, Config, Security Hub, CloudTrail, KMS, and more. Experienced in designing least-privilege access models, encryption strategies, and incident response procedures in AWS.

INDUSTRIES: Software and Platforms

TECHNICAL SKILLS

• DevOps	6 years & 5 months
• AWS	6 years & 5 months
• Terraform	6 years & 5 months
• Kubernetes	6 years & 5 months
• Docker	6 years & 5 months
• Snyk	5 years
• Nessus	5 years

SOFT SKILLS

Teamwork, Time management, Critical thinking

PROJECT DETAILS

• Cloud Data Pipeline Automation

Project Description: Designed and developed an automated multi cloud data pipeline using AWS, Azure, and GCP to handle high volume, real time data ingestion, transformation, and storage

Responsibilities: Implemented RESTful APIs and microservices with Python and Flask, integrated with AWS Lambda and Step Functions for serverless processing. Optimized ETL workflows using Apache Airflow and ensured data security with AWS KMS and Azure Key Vault. Deployed the application on Kubernetes clusters managed through Terraform and monitored using Prometheus and Grafana. Implemented CI CD pipelines using Jenkins and GitHub Actions for automated builds and deployments.

Technologies: AWS (Lambda, S3, EC2, RDS), Azure (Blob Storage, Event Hub), GCP (BigQuery, Cloud Functions), Terraform, Python, Flask, Apache Airflow, Docker, Kubernetes, Jenkins, GitHub Actions, Prometheus, Grafana

Industry: Software and Platforms

• IoT Data Analytics Platform

Project Description: Developed a real time IoT data analytics platform for monitoring and analyzing sensor data from industrial equipment.

Responsibilities: incoming IoT events and integrated Kafka for event streaming. Deployed microservices on Kubernetes with Helm for scalability and utilized AWS IoT Core for device connectivity. Implemented Elasticsearch and Kibana for real-time visualization and analysis of IoT data. Automated the deployment of the platform using Terraform and managed CI CD pipelines with Jenkins. Ensured high availability and fault tolerance by using AWS Auto Scaling and Route 53 for traffic routing.

Technologies: Python, Flask, Kafka, AWS IoT Core, Kubernetes, Helm, Elasticsearch, Kibana, Terraform, Jenkins, Docker, Prometheus

Industry: Software and Platforms

• Enterprise CRM Migration to AWS

Project Description: Migrated a legacy CRM system to AWS using a microservices based architecture with Python and Django

Responsibilities: Designed RESTful APIs to facilitate seamless communication between various modules. Automated infrastructure provisioning with Terraform and optimized database performance using AWS RDS and DynamoDB. Implemented AWS Lambda functions to handle background tasks and asynchronous processing. Secured the platform using AWS Cognito for authentication and IAM for access control. Configured CI CD pipelines with Jenkins and implemented monitoring and alerting using CloudWatch and Grafana

Technologies: Python, Django, AWS Lambda, Terraform, RDS, DynamoDB, CloudWatch, Grafana, Jenkins, Docker, AWS Cognito

Industry: Software and Platforms

EDUCATION

• Bachelors degree in Computer Engineering from university 2015 - 2019

LANGUAGES

• English - advanced

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