

JAINENDRA KUMAR

SR. DEVOPS ENGINEER

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SUMMARY

Experienced DevOps engineer with 6.5 years of expertise in integrating DevOps processes. Strategize and manage security workflow automation, implement CI/CD pipelines, and ensure compliance with security standards. Proven skills in developing and executing strategic initiatives, optimizing processes, and fostering a culture of continuous improvement to drive innovation and achieve organizational excellence. Actively engaged in learning and developing proof of concepts (PoCs) for MLOps, while staying up-to-date with industry trends to stay ahead of the curve.

TECHNICAL SKILLS

Cloud & Infrastructure: AWS, Azure, Terraform, Linux

CI/CD Automation: GithubActions, Azure Pipelines, Aws CodePipeline, Jenkins

Security & Compliance: Veracode, CheckmarxOne, SAST, IAC

Monitoring & Performance: Prometheus, Grafana, Datadog, K6 Load Testing

Scripting & Development: Python, bash script, YAML

MIOPS: mlflow

Containerization & Orchestration: Docker, Kubernetes, Helm, ArgoCD

WORK EXPERIENCE

INFRA DEV SPECIALIST

(2023 Nov- Present)

Cognizant

- Developed and maintained **Azure YAML pipelines**, reducing deployment failures by 40% and improving release efficiency.
- Integrated **K6 performance testing** into CI/CD pipelines, enabling automated load testing and ensuring 99.9% uptime.
- Created and managed **Kubernetes** clusters & agent pool dedicated to running K6 performance tests, reducing testing time by 30%.
- Automated SAST security scanning using **CheckmarxOne**, ensuring 100% compliance with security standards.
- Configured **Prometheus** and **Grafana** to visualize K6 performance metrics, monitoring the usage of the agent resources.

ANALYST DEVOPS SERVICES

(2023 Apr- 2023 Dec)

Coforge

- Designed & Implemented **AWS Code Pipeline**, Code Build, and Code Deploy, reducing deployment errors by 30%.
- Spearheaded the configuration and maintenance of cross-account pipelines using **Terraform**, ensuring secure and efficient deployment across multiple **AWS** accounts (Dev, QA, UAT).
- Integrated **Veracode** security scans into CI/CD pipelines, identifying vulnerabilities early in development.
- Leveraged **Terraform** to automate the provisioning of **AWS resources** such as Lambda functions, DynamoDB tables, VPCs, NAT gateways, API Gateways, SNS, and SQS.

ASSOCIATE CONSULTANT

(2018 Aug - 2023 Mar)

Wipro

- Designed and developed **Python** scripts for application deployment and to extract data from database.
- Spearheaded automation of CI/CD workflows for the application for all the environments.
- Wrote Dockerfiles for containerization of applications and performed image builds.
- Set up **Prometheus and Grafana** to collect and visualize K6 performance metrics.
- Performed REST assured API automation using K6 framework.
- Utilized Terraform to provision Infrastructure resources in **AWS** and reduce provision time by 40%.
- Experience on Kubernetes to deploy, scale, manage **Docker** containers on multiple environments.

EDUCATION AND CERTIFICATION

BACHELOR OF TECHNOLOGY

(2014 - 2018)

KIIT University

GITHUB FOUNDATION

AZURE FUNDAMENTALS(AZ-900)

HASHICORP TERRAFORM CERTIFIED