

DEEPAK KUMAR D

DEVOPS ENGINEER

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PROFESSIONAL SUMMARY

DevOps Engineer with 3.4 years of hands-on experience at Concentrix, specializing in AWS, Docker, Kubernetes, Jenkins, and Terraform. Proven expertise in designing and automating CI/CD pipelines, managing cloud infrastructure, and implementing monitoring solutions. Contributed to major projects such as Play-Store and FinanceMe, driving efficient deployments and improving release reliability. Skilled in provisioning AWS resources, orchestrating containerized workloads, and optimizing automation workflows to accelerate software delivery. Strong troubleshooting abilities across cloud environments and CI/CD systems. Collaborative team player with excellent communication skills and a passion for continuous learning and adopting new technologies.

EXPERIENCE

Concentrix Daksh Pvt - DevOps Engineer

Bengaluru, India

09/2020 - 01/2024

Technologies: AWS, Kubernetes, Docker, Terraform, Ansible, Jenkins, Git, Prometheus, Grafana, CI/CD

Responsibilities:

- Managed Docker containers and Kubernetes orchestration for optimized application scalability.
- Set up Jenkins CI/CD pipelines to automate build and deployment processes, reducing release time by around 40–50%.
- Utilized Terraform for automating AWS infrastructure provisioning.
- Configured Ansible for server configuration management and ensured quick recovery from system failures.
- Implemented Prometheus and Grafana for monitoring, enhancing system performance and reliability.
- Managed version control using Git and GitHub by creating and maintaining repositories, handling pull requests, resolving merge conflicts, and ensuring smooth code integration across multiple projects.
- Wrote Python scripts to automate repetitive DevOps tasks like log analysis, file cleanup
- Improved code deployment efficiency by automating processes with CI/CD pipelines.
- Maintained version control systems like Git for seamless collaboration among developers and engineers during project lifecycles.

EDUCATION

04/2019

Presidency University

Bengaluru, India

B.E: Mechanical Engineering

NARAYANA PU COLLEGE

Bengaluru, India

Some College (No Degree): PCMC, 12th

08/2012

EVERSHINE HIGH SCHOOL

Bengaluru, India

SSLC (10th Class)

CERTIFICATIONS:

- Docker Essentials: A Developer Introduction** – StarAgile, powered by IBM Developer Skills Network (March 15, 2025)
- DevOps Fundamentals** – StarAgile, powered by IBM Developer Skills Network (March 5, 2025)
- Scalable Web Applications on Kubernetes** – StarAgile, powered by IBM Developer Skills Network (March 12, 2025)

Projects:

Play-Store Application Deployment | Concentrix

- Managed containerized deployments of Play-Store web applications by updating new application versions in Dockerfiles and rebuilding Docker images.
- Performed rolling updates in Kubernetes clusters to ensure zero-downtime deployments and smooth version rollouts.
- Monitored application performance and deployment stability using Prometheus, Grafana dashboards.

Finance Microservices Platform | Concentrix

- Developed and maintained the AWS cloud infrastructure for the FinanceMe application, built using a microservices architecture.
 - Deployed services using Docker and Kubernetes (EKS), enabling high scalability and fault tolerance.
 - Automated provisioning and configuration of cloud resources through Terraform (IaC), ensuring consistency across environments.
 - Designed and optimized CI/CD pipelines in Jenkins for continuous integration, testing, and deployment.
 - Enhanced application stability and reduced deployment time through automated versioning and rollback strategies.
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SKILLS

- **Operating Systems:** Linux (Ubuntu), Windows
 - **Cloud Platforms:** AWS
 - **Cloud Services:** EC2, EBS, EFS, S3, VPC, EKS, Route53, IAM, CloudWatch, Load Balancer, Auto Scaling.
 - **Version Control:** Git, GitHub
 - **CI/CD Pipelines:** Jenkins
 - **Containerization & Orchestration:** Docker, Docker Compose, Kubernetes
 - **Infrastructure as Code (IaC):** Terraform
 - **Configuration Management:** Ansible
 - **Monitoring & Logging:** Prometheus, Grafana,
 - **Security & Code Quality Tools:** Trivy, SonarQube
 - **Scripting Languages:** YAML, JSON, Python (Scripting, Automation)
 - **Built Tool:** Maven
 - **Web Services & Servers:** Apache, Nginx
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SOFT SKILLS

- Strong Problem-Solving and Debugging Skills
- Effective Collaboration in Cross-Functional Teams
- Adaptability to Changing Requirements
- Analytical Thinking in Time-Critical Environments