Dinesh Yadav
New Delhi , IN · +91 8563019149 dineshmca500@gmail.com GitHub LinkedIn

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SUMMARY

Results-driven **DevOps Engineer** with hands-on experience in managing cloud infrastructure, automating deployments, and ensuring high availability of business-critical applications. Skilled in **AWS (EC2, S3, RDS, IAM, VPC)**, **Terraform, Ansible, Docker, and Kubernetes**, with expertise in building and maintaining **CI/CD pipelines** using Jenkins, GitHub Actions, and GitLab CI/CD. Adept at implementing monitoring and logging solutions with **AWS CloudWatch and ELK Stack** to improve system reliability. Strong background in **application support, SQL optimization, and troubleshooting**, ensuring secure, scalable, and cost-efficient cloud environments. Proficient in **Python, Java, Bash scripting**, and Agile workflows, with a proven ability to deliver end-to-end automation, infrastructure as code, and full-stack deployments.

PROFESSIONAL EXPERIENCE

Blacksilver Technology   **January 2025 - July 2025**
DevOps Engineer

- **Managed AWS infrastructure** including **EC2, S3, IAM, and VPC**, and automated provisioning using **Terraform**, ensuring secure, scalable, and cost-efficient cloud environments.
- **Built and maintained CI/CD pipelines** with **Jenkins, GitHub Actions, and GitLab CI/CD**, automating build, test, and deployment processes for faster and more reliable releases.
- **Utilized Git workflows** with **GitHub and GitLab** for version control, branching strategies, and code reviews, improving collaboration and Agile delivery cycles.
- **Containerized applications** with **Docker** and orchestrated workloads on **Kubernetes**, implementing Helm charts, rolling updates, and blue-green deployments for high availability and scalability.
- **Implemented monitoring and logging** solutions using **AWS CloudWatch, Prometheus, Grafana, and ELK Stack**, enabling proactive issue detection and improving system reliability.
- **Automated infrastructure and deployments** with **Terraform, Ansible, and Shell scripting**, and optimized cloud resources, SQL queries, and application performance to reduce costs and improve efficiency.

Vizva Consultancy Services   **September 2023 – December 2024**
Application

- Provided **application support** for business-critical systems, ensuring high availability and performance.
- **Monitored, troubleshot, and resolved incidents** related to production applications, reducing downtime and improving system reliability.
- Supported deployments and **release management** activities, collaborating with development and DevOps teams.
- Maintained **SQL databases, logs, and monitoring tools** for debugging and performance tracking.
- Assisted in **user issue resolution, service requests, and change management**, ensuring smooth operations.
- Documented recurring issues, created **knowledge base articles**, and streamlined workflows for future support efficiency.
- Provided support for troubleshooting server and deployment issues.

SKILLS

- **Programming & Scripting:** Python, Java, Bash, PowerShell
- **Cloud Platforms:** AWS (EC2, RDS, IAM, VPC, S3), cPanel
- **Infrastructure as Code (IaC):** Terraform, Ansible, AWS Cloud Formation
- **CI/CD & DevOps Tools:** Jenkins, GitHub Actions, GitLab CI/CD
- **Containerization & Orchestration:** Docker, Kubernetes, Helm
- **Version Control & Collaboration:** Git, GitHub, GitLab
- **Networking & Security:** Apache, Nginx, SSL/TLS, AWS IAM, VPC
- **Monitoring & Logging:** AWS CloudWatch, Prometheus, Grafana, ELK Stack

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EDUCATION

MCA - Dr. A. P. J. Abdul Kalam Technical University	2020–2022	GPA: 8.1/10
BCA - Mahatma Gandhi Kashi Vidyapith University	2016–2019	GPA: 7.1/10

PROJECTS

Cloud-Native E-Commerce Platform –
Automated AWS infrastructure provisioning (EC2, RDS, S3, VPC) using **Terraform & Ansible**.
Containerized microservices with **Docker** and deployed on **Kubernetes** using Helm with rolling updates.
Built **CI/CD pipelines** (Jenkins, GitHub Actions, GitLab CI/CD) for automated build, test, and deployment.
Implemented monitoring & logging with **Prometheus, Grafana, ELK Stack, and AWS CloudWatch**.
Optimized SQL queries on **AWS RDS**, improving performance and reducing cloud costs.

CERTIFICATE

AWS DevOps Engineer |Hewlett Packard Enterprise (HPE) | Python | Java | SQL