DINESH YADAV
DevOps Engineer

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SUMMARY

DevOps Engineer skilled in **AWS (EC2, EKS, RDS, VPC, IAM, S3, Route53, Cloud Watch), Terraform, Ansible, Docker, Kubernetes, CI/CD (GitHub Actions, Jenkins, GitLab CI/CD)**. Experienced in **containerizing applications, automating deployments, optimizing databases, and implementing scalable, secure, and highly available systems**. Proficient in **monitoring and logging with Prometheus, Grafana, CloudWatch, and ELK Stack**, ensuring reliability and performance. Strong backend and scripting skills with **Python, Bash, PowerShell, SQL**, supporting enterprise applications and automated workflows.

PROFESSIONAL EXPERIENCE

DevOps Engineer   **Jan 2025 – Sep 2025**
Tecknow Academy

- Designed AWS infrastructure (**EC2, VPC, RDS, IAM, Route53, S3**) to build secure, scalable, and highly available cloud environments for enterprise applications. Automated provisioning and infrastructure deployments using **Terraform, Ansible, and IaC** best practices to reduce manual errors and accelerate delivery cycles.

- Containerized applications with **Docker and deployed microservices on Kubernetes (EKS)** using Helm charts, enabling scalability and efficient resource management. Built CI/CD pipelines with **Jenkins, GitHub Actions, and GitLab CI/CD** for automated testing, building, and deployments, reducing release time and human effort.

- Implemented observability with **Cloud Watch, Prometheus, and ELK Stack** to monitor system health, set alerts, and improve incident response efficiency. Optimized **SQL queries and RDS database** performance, improving query execution times, reducing latency, and increasing overall system availability.

- Secured cloud infrastructure by managing **IAM roles**, policies, and secrets, enforcing RBAC, and following least privilege principles to protect sensitive systems. Collaborated with developers and cross-functional teams to enforce DevOps practices, enabling faster release cycles and ensuring zero-downtime deployments.

Application   **Sep 2023- Dec 2024**
Vizva Consultancy Services

- Supported enterprise applications running on **Linux/Windows servers**, ensuring system uptime and smooth backend operations. Used sql , java and PostgreSQL for database monitoring, performance tuning, query optimization.

- Monitored logs and production issues using ELK Stack, Cloud Watch, and custom scripts for faster troubleshooting.

- Collaborated with dev. teams to deploy patches using **Git, GitHub, and Jenkins**, ensuring smooth release management.

- Ensured backend application reliability with **API debugging**, log analysis, and system performance monitoring.

Intern ship   **Feb 2020 – Aug 2020**
Ocrolus East Pvt Ltd

- Handled back-office operations and documentation.
- Created clear and accurate summaries from data and reports.
- Maintained records and ensured data accuracy.
- Supported daily business operations with efficiency.
- Assisted in smooth workflow and task completion.

EDUCATION

Master of Science in Computer   **8.1** CGPA   **2020 - 2022**
Dr. A. P. J. Abdul Kalam Technical University

Bachelors in computer Science   **7.1** CGPA   **2016 - 2019**
Mahatma Gandhi Kashi Vidyapith University

SKILL

Cloud Platforms	AWS (EC2, S3, RDS, IAM, VPC, Route53, Amplify, EKS, Cloud Watch)
Infrastructure / IaC	Terraform, Kubernetes, Docker
CI/CD & Version Control	Git, GitHub, GitLab CI/CD, GitHub Actions
Programming / Scripting	Python, Java, Bash, Shell Scripting , SQL
Databases	MySQL, PostgreSQL, SQL Server, RDS, Query Optimization, Performance Tuning
Monitoring & Logging	AWS Cloud Watch, Prometheus, Grafana, ELK Stack
OS & Tools	Linux , Ubuntu , Windows Server

PROJECTS

Deployed a multi-stack system (Java Spring Boot, Laravel, and AI model) using GitLab CICD **Docker, Kubernetes, and Terraform** with automated CI/CD pipelines. Built and containerized applications, orchestrated workloads on Kubernetes with scaling and monitoring, and provisioned cloud infrastructure via Terraform. Implemented secure deployments with secrets management, logging, and monitoring, resulting in a scalable, automated, and production-ready environment.