Saransh Jain

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Summary

DevOps Engineer with 2+ years of experience designing scalable cloud-native infrastructure using Kubernetes, CI/CD automation, and cloud platforms (Azure AWS). Experienced in building production-grade deployment pipelines, optimizing system reliability, and implementing observability solutions for high-availability applications.

Education

Sagar Institute Of Research And Technology *May 2019 – May 2023*
B.Tech in Computer Science, Bhopal, India

Cybrom Institute *Aug 2023 – Feb 2024*
Diploma in Cloud Computing, Bhopal, India

Experience

Software Engineer *Bhopal, Madhya Pradesh*
Netlink Software Pvt. Ltd. *June 2025 – Present*

- Architected and managed containerized production workloads using Docker, Kubernetes, and Helm with microservices-based architecture to support high-availability deployments.
- Implemented Horizontal Pod Autoscaling (HPA), RBAC, and self-healing mechanisms, improving cluster efficiency by 30% and ensuring optimal resource utilization.
- Designed secure Kubernetes infrastructure with SSL/TLS termination, NGINX Ingress routing, and persistent volumes (PV/PVC) for stateful applications.
- Built and optimized end-to-end CI/CD pipelines using Jenkins integrated with Azure DevOps repositories and webhooks, reducing release cycle time by 40%.
- Automated Android and iOS application build and release pipelines, improving build consistency and reducing manual intervention in production releases.
- Engineered secure file transfer workflows using SFTP and optimized global content delivery through CDN integration for improved service performance.
- Deployed and managed cloud-native workloads on Microsoft Azure including Virtual Machines, AKS, Azure Blob Storage, Azure SQL Database, Load Balancers, and Azure Front Door.
- Implemented observability and monitoring solutions using Prometheus, Grafana, and Kubernetes Dashboard, enabling proactive alerting and real-time performance tracking.

Junior DevOps Engineer *Bhopal, Madhya Pradesh*
KnightOwl's InfoTech *June 2024 – April 2025*

- Configured and deployed a multi-node Kafka cluster using custom Docker images, resolving port conflicts and optimizing resource allocation for efficient messaging.
- Implemented Kafka Connect for reliable data migration and streaming between heterogeneous data sources.
- Gained hands-on experience with AWS services including EC2, VPC, Subnets, S3, RDS, Auto Scaling Groups, and EKS for cloud infrastructure management.
- Executed MySQL to PostgreSQL database migration using Python and Shell scripting, ensuring data integrity and schema compatibility.
- Assisted in provisioning and managing MySQL, Redis, and MongoDB databases, implementing backup strategies and CI/CD pipeline integration.

Associate Software Engineer *Bhopal, Madhya Pradesh*
Netlink Software Pvt. Ltd. *June 2022 – June 2023*

- Developed and maintained Java-based backend services using Spring Boot framework for enterprise applications.
- Collaborated with cross-functional teams to design and implement RESTful APIs for client-server communication.
- Participated in code reviews, unit testing with JUnit, and debugging to ensure code quality and application stability.
- Assisted in containerizing applications using Docker and deploying to development environments.
- Contributed to database design and optimization for MySQL databases, improving query performance.

Projects

Kubernetes Dashboard Platform *2025*

- Developed an internal monitoring platform with Kubernetes Dashboard capabilities, enabling resource-level and node-level monitoring across clusters.
- Integrated Kafka and Redis management interfaces with log filtering and real-time metrics visualization.
- Implemented Role-Based Access Control (RBAC) for secure access management and multi-tenant support.

Technical Skills

Languages: Java, Python, Bash, Shell Scripting, HTML

Frameworks: Spring Boot, JUnit

Containerization & Orchestration: Docker, Kubernetes, Helm

Cloud Platforms: Microsoft Azure (AKS, VMs, Blob Storage, SQL Database, Load Balancers, Front Door), AWS (EC2, VPC, S3, RDS, EKS, Auto Scaling)

Databases: MySQL, PostgreSQL, MongoDB, Redis

Infrastructure as Code (IaC): Terraform

CI/CD Tools: Jenkins, GitLab CI/CD, Azure DevOps

Monitoring & Observability: Prometheus, Grafana, Kubernetes Dashboard, Netdata

Web Servers & Networking: Nginx, SFTP, CDN, SSL/TLS

Version Control: Git, GitHub, GitLab

Operating Systems: Linux

Message Brokers: Apache Kafka, Kafka Connect