Abhishek Sonwal Sr. DevOps Engineer

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Summary

DevOps Engineer with 5 years of experience in automating processes, optimizing CI/CD pipelines, and managing cloud environments, primarily with AWS. Proficient in Infrastructure as Code (IaC), Continuous Deployment (CD), and containerization using Docker and Kubernetes. Experienced in designing and deploying microservices architectures to improve scalability and performance. Skilled in Monitoring & Logging using Prometheus and ELK to ensure system reliability and security.

Skills

DevOps • **AWS** • **Linux & Windows** • **CI/CD & Automation:** Jenkins, GitHub Actions, Terraform •
Version Control & GitOps: Git, GitHub, GitLab, ArgoCD • **Containerization & Orchestration:** Docker, Kubernetes,
Helm • **Monitoring & Logging:** Prometheus, Grafana, ELK Stack • **Scripting and Automation:** Bash, Python •
Security & Compliance: DevSecOps, Network Security • **Frappe + ERPNext:** CRM • **Reverse proxy:** Nginx,
Apache, Varnish • **Website Design:** WordPress, Html, CSS.

Work Experience

Aug 2024 – present

Self-Employed
Freelancer & DevOps Consultant
- Automated infrastructure using Terraform.
- Built and optimized CI/CD pipelines with Jenkins and GitHub Actions.
- Architected scalable cloud infrastructure across multiple cloud platforms.
- Managed containerized applications with Docker and Kubernetes.
- Implemented monitoring and logging solutions for system performance and visibility.
- Applied DevSecOps practices to ensure security and compliance.

Universal Software ⧉

Feb 2023 – Jul 2024
Ahmedabad, India

Sr. DevOps Engineer
- Designed and implemented scalable cloud architectures using AWS.
- Worked with open-source tools, handling their installation, configuration, and maintenance.
- Deployed, maintained, and upgraded ERPNext applications on the Frappe Framework.
- Utilized Kubernetes and Docker for containerization and efficient application management.
- Collaborated with clients to gather requirements and deliver tailored solutions.
- Partnered with development teams for seamless updates and ongoing product support.

Feb 2020 – Jan 2023
Ahmedabad, India

DevOps & Technical Support Engineer
- Proficient in deploying and managing scalable, high-availability solutions using AWS services, including EC2, S3, RDS, VPC, Route 53, and Auto Scaling.
- Experienced in developing CI/CD pipelines using Jenkins and automating workflows with Bash and Python.
- Skilled in containerization with Docker and optimizing microservices architectures for performance and scalability.
- Hands-on experience with SonarQube and Trivy for code quality analysis and vulnerability scanning.
- Managed Development, QA, and Production environments to ensure seamless operations and deployment processes.
- Adept at performance monitoring, conducting root cause analysis, and resolving technical issues in hardware, networking, and software.
- Successfully collaborated with cross-functional teams to align infrastructure with business needs, ensuring system reliability and uptime.

| Oct 2019 – Jan 2020
Ahmedabad, India | **High Sky IT Solution Pvt. Ltd**
AWS & Linux Administrator |

High Sky IT Solution Pvt. Ltd
AWS & Linux Administrator
- Experienced AWS and Linux Administrator skilled in managing cloud and on-premises systems for high availability, security, and performance.
- Proficient in AWS cloud environments and Linux (Ubuntu, CentOS, RHEL) for server provisioning, performance tuning, and troubleshooting.
- Expertise in Jenkins for automating CI/CD pipelines and streamlining deployments.
- Strong scripting skills (Bash, Python) for task automation and system optimization.
- Experienced in using Prometheus and Grafana for system monitoring, metrics visualization, and performance analysis.

Jun 2018 – Jul 2019
Abu Road, India

Adarsh the college of Professional studies
Lecturer of Computer Science
- Managed student classes and provided guidance in both programming theory and laboratory sessions.
- Collaborated with faculty on academic projects and curriculum development.
- Supervised laboratory practicals, ensuring smooth operations and student support.
- Handled office administration tasks, including scheduling, paperwork, and communication.
- Actively participated in campus activities and membership programs.

Apr 2017 – Oct 2017
Ajmer, India

iBirds Software Services Pvt. Ltd
Internship in Salesforce ⧉
- Created Data Validation rules and formulas based on business needs.
- Worked with standard Salesforce objects (Accounts, Contacts, Leads, Cases).
- Automated tasks using Workflow Rules, Email Alerts, and Field Updates.
- Developed custom solutions with Visualforce Pages, Apex, and Triggers.
- Experienced in Batch and Scheduled Classes for data processing.

Education

2017
Jodhpur, India

Master of Computer Application (MCA)
Lachoo Memorial College of Science & Technology, Jodhpur ⧉

2014
Abu Road, India

Bachelor of Computer Applications (BCA)
SHUATS University, Allahabad. ⧉

2011
Aburoad, India

Higher Secondary
Board of Secondary Education, Ajmer

2009
Abu Road, India

Secondary
Board of Secondary Education, Ajmer

Certificates

AWS Certified Solutions Architect Associate – Udemy ⧉
Acquired expertise in designing distributed systems, scalable cloud architectures, and deploying secure applications on AWS.

Certified Kubernetes Administrator (CKA) – Udemy ⧉
Gained expertise in deploying, managing, and troubleshooting Kubernetes clusters in production environments.

Terraform for the Absolute Beginners – Udemy ⧉
Gained foundational knowledge in infrastructure as code, using Terraform for provisioning and managing cloud resources.

Docker for the Absolute Beginner – Udemy ⧉
Gained foundational knowledge of Docker, containerization, and how to deploy and manage containers effectively.

Kubernetes Certified Application Developer (CKAD) – Udemy ⧉
Gained expertise in designing, building, and running applications on Kubernetes, including application deployment, scaling, and management.