

# Abhishek Sonwal

## Sr. DevOps Engineer

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### SUMMARY

Experienced DevOps Engineer with 5+ years of hands-on expertise in cloud infrastructure, automation, and system reliability. Skilled in AWS, Docker, Kubernetes, Terraform, and CI/CD pipelines using Jenkins and GitHub Actions. Proven ability to automate deployments, manage scalable infrastructure, and improve application performance. Strong background in monitoring with Prometheus and Grafana, and implementing Infrastructure as Code (IaC) for reliable and repeatable environments. Committed to delivering secure, high-availability systems and efficient DevOps solutions.

### SKILLS

#### DevOps & Automation

- Cloud : AWS
- CI/CD: Jenkins, GitHub Actions, GitLab CI
- Infrastructure as Code (IaC): Terraform

#### Containerization & Orchestration

- Docker, Docker Compose, Kubernetes (EKS, KIND), Helm

#### Scripting & Programming:

- Bash, Shell, Python, YAML, JSON

#### Operating Systems & Virtualization:

- Linux (Ubuntu, CentOS, RHEL), Windows Server, VirtualBox, VMware

#### Other Tools & Technologies:

- Nginx, Postman, REST APIs, Docker Hub, Artifactory, MongoDB, MySQL, SQL Server, Redis, Cloudflare

#### Monitoring, Logging & Observability:

- Prometheus, Grafana, ELK Stack (Elasticsearch, Logstash, Kibana), Loki, Fluentd, Alertmanager, CloudWatch

#### Security & DevSecOps

- Trivy, SonarQube, OWASP, IAM Policies, Security Groups, KMS

#### Version Control & GitOps:

- Git, GitHub, GitLab, Bitbucket, ArgoCD, FluxCD

#### ERP & CMS Platforms:

- ERPNext, WordPress, Joomla, Shopify

### WORK EXPERIENCE

#### Self-Employed

Aug 2024 – present

#### Freelancer & DevOps Consultant

- Automated infrastructure with **Terraform** for consistent, repeatable environments.
- Built CI/CD pipelines using **Jenkins** and **GitHub Actions** to streamline deployments.
- Designed scalable cloud setups across **AWS** and **DigitalOcean**.
- Deployed and managed containers with **Docker** and **Kubernetes**.
- Set up monitoring and logging with **Prometheus**, **Grafana**, and **ELK**.
- Applied **DevSecOps** practices to enhance security and compliance.

#### Universal Software

##### Sr. DevOps Engineer

Feb 2023 – Jul 2024 | Ahmedabad, India

- Designed and implemented **scalable cloud architectures** using **AWS** services.
- Installed and configured various **open-source tools** for infrastructure and monitoring.
- Deployed and maintained **ERPNext** applications on the **Frappe framework**.
- Managed containerized workloads with **Docker** and **Kubernetes**.
- Gathered client requirements and delivered **customized DevOps solutions**.
- Collaborated with developers to ensure smooth **application updates and support**.

## DevOps & Technical Support Engineer

Feb 2020 – Jan 2023 | Ahmedabad, India

- Deployed and managed **high-availability AWS solutions** (EC2, S3, RDS, VPC, Route 53, Auto Scaling).
- Built **CI/CD pipelines** with **Jenkins** and automated workflows using **Bash** and **Python**.
- Containerized applications with **Docker**, optimizing microservices for performance.
- Used **SonarQube** and **Trivy** for code quality checks and vulnerability scanning.
- Managed **Dev, QA, and Prod** environments to ensure smooth deployment cycles.
- Monitored performance, resolved infrastructure issues, and conducted root cause analysis.
- Worked with cross-functional teams to align infrastructure with business goals.

## High Sky IT Solution Pvt. Ltd

Oct 2019 – Jan 2020 | Ahmedabad, India

### AWS & Linux Administrator

- Managed **cloud and on-premise systems** for high availability, security, and performance.
- Handled **server provisioning, tuning, and troubleshooting** on **AWS** and **Linux** (Ubuntu, CentOS, RHEL).
- Automated deployments using **Jenkins CI/CD pipelines**.
- Wrote **Bash** and **Python scripts** to automate tasks and optimize system processes.
- Monitored infrastructure with **Prometheus** and **Grafana** for performance insights.

## Adarsh the college of Professional studies

Jun 2018 – Jul 2019 | Abu Road, India

### Lecturer of Computer Science

- Taught **programming theory** and supervised **lab sessions** for undergraduate students.
- Collaborated on **curriculum design** and academic projects with faculty.
- Managed lab operations and provided hands-on **technical support** to students.
- Performed administrative tasks including **scheduling and documentation**.
- Engaged in **campus activities** and student development programs.

## iBirds Software Services Pvt. Ltd

Apr 2017 – Oct 2017 | Ajmer, India

### Internship in Salesforce

- Created **data validation rules** and formulas based on business logic.
- Worked with standard **Salesforce objects**: Accounts, Contacts, Leads, and Cases.
- Automated tasks using **Workflow Rules, Email Alerts, and Field Updates**.
- Developed custom solutions using **Visualforce, Apex, and Triggers**.
- Built and managed **Batch and Scheduled Classes** for background processing.

## EDUCATION

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### Master of Computer Application (MCA)

2017 | Jodhpur, India

Lachoo Memorial College of Science & Technology,  
Jodhpur

### Bachelor of Computer Applications (BCA)

2014 | Abu Road, India

SHUATS University, Allahabad.

### Higher Secondary

2011 | Aburoad, India

Board of Secondary Education, Ajmer

### Secondary

2009 | Abu Road, India

Board of Secondary Education, Ajmer

## CERTIFICATES

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### AWS Certified Solutions

#### Architect Associate – Udemy

Expertise in designing scalable, distributed, and secure systems on AWS.

### Kubernetes Certified

#### Application Developer (CKAD) – Udemy

Proficient in building, deploying, and scaling applications on Kubernetes.

### Docker for the Absolute

#### Beginner – Udemy

Strong foundation in Docker, containerization, and container lifecycle management.

### Terraform for the Absolute

#### Beginners – Udemy

Solid understanding of Infrastructure as Code (IaC) using Terraform for cloud provisioning.

### Certified Kubernetes

#### Administrator (CKA) – Udemy

Skilled in deploying, managing, and troubleshooting production-grade Kubernetes clusters.