# JATIN SONGARA

## DevOps Engineer

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## Professional Summary

Results-driven DevOps Engineer with 3.5 years of experience optimizing cloud infrastructure, implementing CI/CD pipelines, and automating deployment workflows. Proven expertise in Docker, Kubernetes, AWS, and Infrastructure as Code (laC) with demonstrated success in reducing deployment time, improving system reliability, and mentoring teams on DevOps best practices. Seeking to leverage technical expertise to enhance system efficiency, scalability, and security in a dynamic, growth-oriented organization.

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## Professional Experience

### Self-Employed
Independent Freelancer

Oct 2023 – Present

- Architected and optimized cloud infrastructure for 10+ clients, reducing operational costs by an average of 30% through strategic resource allocation and automation
- Implemented CI/CD pipelines using Jenkins and GitLab CI/CD, decreasing deployment time from hours to minutes
- Designed and deployed scalable solutions leveraging AWS, Docker, Terraform, and Kubernetes for diverse business requirements
- Conducted infrastructure audits and security assessments, identifying and resolving critical vulnerabilities

### DevOps & Cloud Computing Instructor
PitSol Solutions

Aug 2022 – Oct 2023
Bikaner

- Delivered comprehensive training programs on Cloud Computing, Linux, Docker, AWS, Git, and Jenkins to 100+ students and professionals
- Spearheaded the IELTS Project deployment, overseeing full lifecycle from infrastructure setup to performance monitoring
- Developed curriculum and hands-on lab exercises, achieving 95% student satisfaction rating
- Mentored junior engineers on DevOps best practices, resulting in improved code quality and deployment efficiency

### Software Engineer & Linux Maintainer
Codilya Technologies

Jan 2022 – Aug 2022
Bikaner

- Engineered and maintained e-commerce web applications using PHP (CodeIgniter ) and Magento 2, serving 50,000+ users
- Designed responsive Uls with jQuery, HTML5, CSS, and Bootstrap 5, improving mobile user experience.
- Administered Linux servers (Ubuntu, CentOS) and integrated AWS services (EC2, S3, RDS) for POS systems supporting 20+ retail locations
- Managed production VMs on AWS EC2, maintaining 99.9% uptime through proactive monitoring and rapid incident response

### Associate DevOps Engineer
Tecore Labs

Apr 2021 – Oct 2021
Hong Kong SAR

- Orchestrated microservices deployment using Helm, Kubernetes, GKE, FluxCD, and GitHub Actions for 3 production applications
- Executed database migration from Oracle to PostgreSQL, implementing High Availability clusters on GCP with zero data loss
- Automated deployment workflows, reducing manual intervention by 70% and improving release reliability
- Established semantic versioning standards and GitOps practices, enhancing team collaboration and deployment tracking

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## Education

### Master of Computer Applications (MCA)
Govt. Engineering College
Percentage: 79.93%

2019 – 2021
Bikaner

### Bachelor of Computer Applications (BCA)
Govt. Engineering College
Percentage: 73.03%

2016 – 2019
Bikaner

## Skills Summary

**Cloud Platforms**
AWS (EC2, S3, RDS, IAM, VPC, CloudWatch), Google Cloud (GKE, Compute Engine)

**Operating Systems**
Red Hat, CentOS, Ubuntu; Linux administration, DNS, load balancing, and repository setup in offline environments

**CI/CD Pipelines**
Jenkins, GitLab CI/CD, FluxCD; automated build and deployment workflows

**Monitoring & Observability**
Prometheus, Grafana, ELK Stack (Elasticsearch, Logstash, Kibana)

**Security & Compliance**
System hardening, IAM policy management, security scanning, and secure infrastructure design

**Infrastructure as Code & Automation**
Terraform, Ansible, Helm, FluxCD, Jenkins, GitLab CI/CD, GitHub Actions, Docker, Kubernetes

**Microservices & Application Deployment**
Deployment and support for PHP, Java, and Python applications; Nextcloud setup; automated backup solutions

**Scripting & Programming**
Bash, Python

**Database Systems**
MySQL, PostgreSQL, AWS RDS

## Professional Development

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| **Participated in AICTE 2019 Conference on Information Communication Technology and Computing at Government Engineering College,** <br> Engaging with industry leaders on emerging ICT trends | 08/11/2019 – 09/11/2019 <br> Bikaner |
| **Completed intensive Two-Week Faculty Development Program (FDP) on Internet of Things (IoT) at Government Engineering College.** <br> Covering IoT architecture, protocols, and applications | 09/10/2019 – 19/10/2019 <br> Bikaner |

## Certifications & Training

**Cloud Computing & DevOps**
Intellipaat | Jun 2023
Credential ID: 31679-23137-188556

**Proxmox (Type-1 Hypervisor) Certified**
Internal Certification | 2021

**Google Cloud Concepts**
A Cloud Guru (Pluralsight) | Sep 2021
Credential ID: 66111839BF

**DevOps & Linux Instructor Program**
CDTS, Bikaner | Jan 2021-Jul 2021
Completed intensive training on CentOS, Docker, AWS for DevOps, Git, and Jenkins (Freestyle CI/CD); designed and delivered "Beginners CentOS Course"

**MTA: Software Development Fundamentals**
Microsoft | Jul 2017
Credential ID: 1783885

## Major Projects

**Lugbee.com**

**nynja.work**

**store.codilya.com**

## Honors & Awards

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|---|---|
| **Rookie Rockstar Award** <br> Top-performing Awarded <br> Awarded for exceptional performance as top-performing new hire, demonstrating consistent enthusiasm, dedication, and outstanding results across multiple high-impact assignments during first six months | Oct 2021 <br> Jaipur |