



# Saurav Srivastav

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Dubai, UAE

## PROFESSIONAL SUMMARY

Experienced & Certified Cloud and DevOps Engineer with 9+ years experience modernizing infrastructure and enabling digital transformation through Kubernetes, containers, IaC, and Public Clouds. Passionate about leveraging technology and automation to evolve traditional approaches and provide business value. Notable expertise in containerization, CI/CD, infrastructure provisioning, monitoring, and programming.

## CORE EXPERTISE:

- ❖ **Containerization:** Productionized over 30 microservices leveraging Docker, Kubernetes, service meshes, and API gateways.
- ❖ **DevOps:** Implemented CI/CD automation, GitOps workflows, and site reliability best practices, reducing deployments from weeks to days.
- ❖ **Infrastructure Provisioning:** Extensive experience using Terraform for IaC and immutable infrastructure.
- ❖ **Monitoring and Logging:** Built observability pipelines utilizing Prometheus, Grafana, ELK stack, Loki, and Azure Application Insights.
- ❖ **Security:** Experienced with container security tools like SAST, (SonarQube), DAST(ZAP Proxy), and AppArmor.
- ❖ **Programming:** Proficient in Bash and Python; skilled at building scripts to optimize workflows.

## WORK HISTORY

**08/2022 - Current**

Noon Payments | Dubai, United Arab Emirates  
Sr. DevSecOps Engineer

### DevSecOps Engineer - Microservices Architecture(Azure/GCP):

- ❖ Designed and implemented a scalable microservices architecture on Kubernetes (AKS/GKE) leveraging Docker containers to handle 1M+ daily transactions for the payments platform.
- ❖ Automated infrastructure provisioning in Azure/GCP cloud and configuration management using Terraform, and ARM templates.
- ❖ Established end-to-end CI/CD pipelines implementing test automation, security scanning, compliance checks and release management best practices.

### DevOps Engineer - Monolithic Architecture(Azure Stack):Riyadh,KSA

- ❖ Set up infrastructure using ARM templates to deploy resources like VMSS and IaaS SQL on Azure Stack.
- ❖ Establish RabbitMQ and MongoDB clusters.

**01/2021 - 07/2022**

Lowes India | Bengaluru, India  
Sr Infrastructure Engineer

- ❖ Architected microservices oriented platforms on Kubernetes, Istio and Rancher for retail giant's online properties.
- ❖ Built cloud-native platforms on Kubernetes and Istio managing 50+ applications for Lowe's India.
- ❖ Established centralized logging, monitoring, and alerting for production-grade reliability.
- ❖ Introduced GitOps workflows using ArgoCD to enable continuous delivery.

## PRIMARY COMPETENCIES

- Kubernetes (AKS/GKE)
- Cloud(Azure/GCP)
- GitOps(Argo CD)
- Azure DevOps (VSTS)
- IaC(Terraform)
- Docker
- Istio
- Git/GitHub

## SECONDARY COMPETENCIES

- Python Programming
- SQL(RDBMS)
- MongoDB(NoSQL)
- Bash/Pwsh
- YAML/JSON
- Helm
- Prometheus/Grafana/Loki
- ELK/EFK stack
- SAST(SonarQube)
- DAST(Zap Proxy)

## LEARNING COMPETENCIES

- Large Language Models(LLM)
- Langchain/LangSmith(Frameworks)
- OpenAI/HuggingFace
- ChromaDB
- FLOWise/Chainlit/Streamlit(UI)
- Llama2/Falcon/Qwen Models

## ACADEMIA

2011-2015

Bachelor Of Technology: Jaypee  
Institute of Information Technology  
Noida, India

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## CERTIFICATIONS

- 70-532: Developing Microsoft Azure Solutions.
  - Certified Rancher Operator
  - Academy Accreditation - Generative AI
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## PERSONAL IDS:

- Online CV:  
<https://sauravsrivastav.github.io/cv/>
  - GitHub Account:  
<https://github.com/SauravSrivastav>
  - Docker-Hub Profile:  
<https://hub.docker.com/u/sauravsrivastav/>
  - Skype I'd:  
[sauravsrivastav2205@gmail.com](mailto:sauravsrivastav2205@gmail.com)
  - LinkedIn I'd:  
<https://www.linkedin.com/in/sauravsrivastav2205/>
  - Hugging Face Space I'd:  
<https://www.huggingface.co/spaces/Saurav/Langchain/>
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## LANGUAGES

- English  
*Full Professional Proficiency*
  - Hindi  
*Native or Bilingual Proficiency*
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**05/2019 - 01/2021**

**HCL Technologies | NOIDA, India  
Specialist**

**Automation and Azure Kubernetes Consultant in Equinor Project: -**

- ❖ Deployed & Managed AKS cluster infrastructure using both **Kubenet** & with **Azure Container Networking Interface(CNI)** using PowerShell & ARM template.
- ❖ Updated Kubernetes Version & Reboot AKS cluster nodes after OS update.
- ❖ Taking Backup/Restore AKS data using **Velero**.
- ❖ Created Monitoring for AKS cluster using Azure Monitor for Containers & Prometheus & Grafana.
- ❖ Created different ARM templates (IaaS) and configured Continuous Integration (CI) & Deployment (CD) Using Azure DevOps.
- ❖ Deployed and packaged .net core application using HELM Package Manager.
- ❖ Implemented CI-CD for Azure Kubernetes Service(AKS) using Azure DevOps.

**AWS Cloud Consultant in Adecco Project: -**

- ❖ Wrote and deployed K8s Manifest file for storage using native EV+BS storage to RDS DB using K8s external name services.
- ❖ Automation Enable autoscaling features like HPA, VPA and cluster autoscaler.
- ❖ Implemented DevOps concept with AWS core services like Code Commit, CodeBuild, and CodePipeline
- ❖ Deployed Infrastructure (IaC) to a PRD, UAT & DEV environment, using terraform.
- ❖ Created ECR & pushed Docker based image into the container.
- ❖ Used AWS Fragatte & used Docker images from ECR for web app deployment.
- ❖ Enable Monitoring for EKS cluster using CloudWatch and Conatiner Insight.

**03/2018 - 04/2019**

**Accenture | Gurgaon, India  
Cloud and DevOps Consultant**

**DevOps and Cloud Consultant in Banking Domain: -**

- ❖ Created CI/CD pipeline for CRM solution migration using Azure DevOps(VSTS).
- ❖ Developed ASP. NET Core(2.1) Apps locally & deployed Docker Desktop for Windows.
- ❖ Containerized ASP.NET Core(2.1) Apps and Deploy it to Docker Hub & ACR.
- ❖ Created dockerfile & Deploy Docker images to Kubernetes from Dashboard & using YAML files.
- ❖ Deploy Docker image to Azure Kubernetes Service(AKS) using YAML files & Kubectl & from dashboard.
- ❖ Implemented CI-CD for Azure Kubernetes Service(AKS) using Azure DevOps.
- ❖ Build & deploy Docker Containers for implementing Microservices Architecture from Monolithic Architecture.

**07/2015 - 03/2018**

**Wipro Technology | Bengaluru, India  
Cloud Consultant**

**Cloud Consultant in Microsoft Dynamic 365 Team: -**

- ❖ Designed solutions adhering to standard guidelines and best practice for Dynamics CRM 365 Online as recommended by Microsoft.
- ❖ Worked as Cloud Consultant on Microsoft Azure, involved in configuring virtual machines, storage accounts, resource groups.
- ❖ Migrated On-Premise data to Azure SQL(PaaS) using PowerShell scripts.
- ❖ Used SSIS tool for creating packages & then used console application for migration of data.
- ❖ Created Azure Web App for hosting on-premise applications from Visual Studio.
- ❖ Developed & maintained TFS workflow for version control (Source Code Management).
- ❖ Started working on Microservices based Applications (Docker & Kubernetes).