Prashansa Joshi

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Technical Summary

DevOps Engineer with hands-on experience in managing scalable cloud infrastructure, CI/CD pipelines, and automation using AWS and Azure. Strong background in container orchestration, infrastructure as code, and deployment automation. Adept in maintaining Kubernetes clusters, optimizing builds, and improving system reliability.

Technical Skills

Cloud Platforms: AWS, Azure

Containers & Orchestration: Docker, Kubernetes (EKS)

Infrastructure as Code: Terraform, Ansible

CI/CD Tools: GitHub Actions

Version Control: Git

Operating Systems: Linux

Work Experience

Inspiring Lab Pvt. Ltd | Khumaltar, Lalitpur

Data Analysis Intern (4th Dec 2023 - 4th March 2024)

- Developed proficiency in Python fundamentals, including NumPy, Pandas, Matplotlib, and Seaborn.
- Applied data analysis, processing, and visualization techniques using statistical and graphical methods.
- Used Selenium and Scrapy for web scraping and data extraction.
- Collaborated with team members to deliver data-driven insights.
- Proposed workflow improvements to enhance analysis efficiency.
- Continued professional learning in Python and data science methodologies.

Adex International

Associate DevOps Engineer (August 2024 - Present)

- Deploy, scale, and manage cloud infrastructure using AWS and Azure.
- Build and maintain CI/CD pipelines to automate deployment and integration.
- Manage containerized workloads with Kubernetes (EKS).
- Use Terraform and Ansible to implement Infrastructure as Code.
- Monitor and improve uptime, performance, and security.

Achievements

AWS Community Builder (2025 - Present)

- **Selected for the AWS Community Builder Program for contributions to cloud and DevOps learning.**

- Supported AWS initiatives by sharing technical insights and assisting the community.

Executive at Code For Change (2022 - 2023)

- Aligned the organization's mission with actionable goals.

- Managed multiple projects ensuring timely delivery.

- Organized workshops and expanded community outreach.

- Secured funding through successful grant proposals.

- Evaluated program effectiveness through data-driven methods.

Education

Padmakanya Multiple Campus

Bachelor of Science in Computer Science and Information Technology (BSc.CSIT), 2019-2023

Certifications

Microsoft Certified: Azure Developer Associate

Online Profiles

[LinkedIn] linkedin.com/in/prashansa-joshi-268682230

[GitHub] github.com/prashansajoshi

[Wensite] https://prashansa-joshi.com.np/

Projects

- Microservices Deployment on EKS: Designed and deployed microservices architecture on AWS Elastic Kubernetes Service.

- 3-Tier Application Deployment: Automated front-end, app, and database deployment using Terraform and CI/CD pipelines.

Core Competencies

Cloud Infrastructure Management

Deployment Automation

Monitoring & Logging (CloudWatch, Prometheus, Grafana)

Security Best Practices in Cloud

Collaboration with Developers for CI/CD