

PRASHANT GAWALI

📞 9405216535 ✉ er.prashantgawali@gmail.com [in linkedin:prashant-gawali](https://www.linkedin.com/in/prashant-gawali) github.com/I-Am-PrashantGawali

Objective

- I'm a DevOps Engineer with 3+ years of hands-on experience, passionate about building reliable and scalable systems. I enjoy working at the intersection of development and operations—using my skills in Python to support modern application delivery. I'm certified as an AWS Solutions Architect and have practical experience with Azure services, including Azure VMs and Azure DevOps. I focus on setting up efficient CI/CD pipelines, automating infrastructure with Terraform, and deploying cloud-native solutions on both AWS and Azure. I'm looking to join a forward-thinking team where I can continue to grow, contribute, and help drive innovation through smart, efficient DevOps practices.

Technical Skills

Operating systems: MacOS, Windows, Linux.

DevOps Tools: Git, GitHub, Azure DevOps, Docker, Linux, Terraform, Azure Repos, CI/CD, Shell Script, Ansible, Kubernetes, Prometheus, Grafana.

Scripting Languages: UNIX Shell scripting, Python, PowerShell

Programming Languages:: Python, Bash, Ansible.

Databases: MYSQL, PostgreSQL

Developer Tools: VS Code

Cloud Experience:: AWS,Azure

Monitoring and Logging: AWS CloudWatch, Prometheus, Grafana

Experience

Technopath, Pune

Jan 2023-Present

DevOps Engineer

Remote

- Installed, configured, and maintained Linux servers including web, application, and database servers.
- Used Shell scripts to day-to-day activities and tasks for automating.
- Implemented CI/CD pipelines using Azure DevOps Pipelines for build and release automation.
- Designed and executed end-to-end Terraform workflows, from architecture design to code implementation, delivering cloud infrastructure with version-controlled code for scalability, cost optimization, and faster project delivery.
- Configured and managed Azure DevOps Agents (self-hosted and Microsoft-hosted) for seamless pipeline execution..
- Built and optimized CI/CD pipelines in Azure DevOps, integrating Infrastructure as Code (IaC) using Terraform.
- Collaborated closely with developers for issue resolution, feature enhancements, and infrastructure optimization.
- Worked on Docker to create Docker images and containers for different environments.

Technopath, Pune

July 2022-Dec 2022

DevOps Intern

Remote

- Installed, configured, and maintained Linux servers, including web, application, and database servers.
- Installed and configured Nginx and Apache2 proxy servers.
- Installed, upgraded, patched, configured, and administered Azure DevOps services and related tools.
- Monitored and resolved integration failures in the Azure DevOps CI/CD pipelines.
- Constructed and simulated Linux environments using Docker containers.
- Implemented and managed CI/CD pipelines using Azure DevOps Pipelines.

Technical Projects

Continuous Deployment for Electronic Health Records (EHR) System

Azure DevOps, Git, GitHub, Shell, Python, Docker, Terraform, Ansible, AKS, Azure Monitor

- Led the implementation of a DevOps pipeline for a healthcare organization's Electronic Health Records (EHR) system. Automated deployment of updates and patches while ensuring compliance with HIPAA regulations.
- Designed and implemented automated testing for data integrity, security checks, and performance testing. Utilized Git and GitHub for version control, and Azure DevOps Pipelines for continuous integration and delivery.
- Leveraged Docker for containerization and deployed workloads on Azure Kubernetes Service (AKS) for orchestration.
- Implemented infrastructure provisioning with Terraform to ensure reproducibility, scalability, and compliance.

Data Analytics Pipeline Automation

Terraform, AWS Glue, AWS EMR, Lambda and API Gateway, (CI/CD) with Jenkins

- Led the deployment and automation of a data analytics pipeline for a US client on AWS. The pipeline ingests data from SFTP into an S3 bucket, processes it using AWS Glue crawlers, jobs and Spark EMR, exposes the processed data via Lambda and API Gateway, and visualizes insights using QuickSight for Business Intelligence.
- As a key team member, I was responsible for infrastructure deployment with Terraform, setting up CI/CD pipelines using Jenkins, and implementing automations using Python Lambda functions.

End-to-End CI/CD on Azure for Containerized Web Application

Azure DevOps, AKS, ACR, Terraform, Docker, Helm, Trivy, Git, Azure Monitor, Prometheus, Grafana

- Designed and implemented a complete CI/CD pipeline using Azure DevOps to build, test, scan, and deploy a Dockerized web application on Azure Kubernetes Service (AKS).
- Automated infrastructure provisioning using Terraform for AKS, Azure Container Registry (ACR), VNet, and resource groups, following Infrastructure as Code (IaC) best practices.
- Configured CI pipeline for linting, unit testing, Docker image build, vulnerability scanning with Trivy, and pushing to ACR.
- Set up CD pipeline to auto-deploy application to AKS using kubectl and Helm, with environment-specific namespaces (dev, stage, prod).
- Enabled autoscaling, health probes, and rolling updates to ensure high availability and resiliency.

Education

Sandip Institute of Technology and Research Centre (SITRC), Nashik

2020 – 2024

Bachelor of Engineering in Information Technology

CGPA: 7.75

Achievements

Certification in ‘AWS Solutions Architect - Associate ’ Certificate

Infosys Certification in ‘Introduction to Python’ Certificate

Completed ‘Core Java’ Certified

Participated in ‘SUN Hacks Hackathon’ Certificate

Academic and Extracurricular Achievements

Event President, Sandip Foundation College , 2020-2024

Student Council Member in college Event, Sandip Foundation College, 2020-2024