

# Pavan Patil

## Associate DevOps engineer

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## SUMMARY

Experienced **DevOps Engineer** with over 2 years of expertise enhancing efficiency, scalability, and automation in software development environments. Proficient in implementing and managing **CI/CD pipelines**, orchestrating **cloud infrastructure**, and deploying applications using **Agile** methodologies and **event-driven** strategies.

## SKILLS

- **CI/CD tools:** Jenkins, GitHub actions.
- **Container technologies:** Docker, kubernetes
- **IaC tools:** Terraform, Pulumi.
- **Configuration Management:** Ansible
- **Languages:** SQL, Python
- **Scripting language:** Shell and Python.
- **Monitoring & Logging:** Grafana & ELK
- **AWS Services:** EKS, ECR, EC2, S3, Route53, ASG, ELB, IAM, VPC, etc.
- **Azure:** AKS, Azure AD, Azure devops etc.
- **Security:** Cloudflare, okta, SSL, VPN etc.
- **Database:** MySQL, PostgreSQL
- **API management tool:** Gravitee
- Other tools: **Maven**, **Git**, npm, **Nodejs** etc.

## EXPERIENCE

Intelliconnect technologies, Pune - DevOps engineer

Dec 2021 - PRESENT

## RESPONSIBILITY

- Designed and implemented **CI/CD** pipelines using **Jenkins** & **GitHub Actions**, automating the build, test, and deployment processes, reducing release cycle times by 50%.
- Utilized IaC tools like **Terraform** to provision and manage **AWS** resources, including **EC2** instances, **VPCs**, **S3** buckets, and **IAM** roles etc.
- Designed and implemented **Ansible** playbooks for configuration management.
- Successfully deployed and managed **microservices** applications on **Kubernetes**.
- Implemented **auto-scaling** in **Kubernetes clusters**, optimizing resource utilization and ensuring high availability during traffic spikes.
- Implemented **Docker** to containerize applications and reduce deployment time.
- Implemented and managed AWS services like **EKS**, **ECR**, **EC2**, **S3**, **Route53**, **IAM**, **AWS lambda**, **VPC** etc.
- Developed **automation scripts** using **Python** and **Shell** to reduce manual tasks and improve efficiency.
- Utilized **Prometheus** and **Grafana** to monitor and visualize system metrics.
- Leveraged **Gravitee APIM** Gateway to create and manage API endpoints, providing authentication and authorization over APIs using Gravitee Access Management.
- Collaborated with development teams to streamline application deployment processes, reducing time-to-market and increasing overall efficiency.

### Technologies:

- AWS, Azure, Jenkins, GitHub actions, Docker, Kubernetes, Prometheus, Grafana , Terraform, Pulumi, Gravitee (API management), cloudflare.

## EDUCATION

**SPPU, Pune** - *Bachelor of engineering*

August 2017 - May 2021.      **GPA:** 7.4/10

## CERTIFICATIONS

NDG Linux - Cisco academy

Kubernetes fundamentals - Datadog

Python - HackerRank

Certified Calico Operator: AWS Expert