

Avatar Singh Patle

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PROFILE

DevOps & Cloud Engineer | AWS, Kubernetes, & Docker | Automating Infrastructure with Terraform, Ansible & Python

EDUCATION

Rajiv Gandhi Proudhyogiki Vishwavidyalaya (RGPV), Bhopal

Bachelor of Engineering Electronics/Telecommunication

2009 – 2013

SKILLS

Technical Skills: Cloud Infrastructure, Infrastructure as Code, CI/CD, Scripting, AI Automation, Monitoring, Logging, and Observability, Version Control. NFS (Network File System).

Tools: AWS, Terraform, CloudFormation, Ansible Jenkins, GitHub Action, Argo CD, Docker, Kubernetes (K8s), Bash/Shell Scripting, Python, Prometheus, CloudWatch, Git and GitHub.

CERTIFICATIONS

Linux Cloud and DevOps - <https://coursera.org/share/e9373a43b67bf93d411282ecac4a083e/>

AWS Cloud Essentials- <https://coursera.org/share/c4ad3ce6ee6703226ea9b494fb64a67e/>

Python Scripting for DevOps - <https://coursera.org/share/a40ef71c0dac26f2b81f1c8ecbca00fc/>

CI/CD with Jenkins- <https://coursera.org/share/f6a40783e1fb7b12b78f98f9ee77619a/>

Python Scripting for DevOps- <https://coursera.org/share/a40ef71c0dac26f2b81f1c8ecbca00fc/>

DevOps and AI on AWS: AIOps- <https://coursera.org/share/bfd5a8b22b90c5e6e874d470d561d9a9/>

EXPERIENCE

RELIANCE PROPERTY PROJECT LIMITED

DevOps Engineer (Pune) Sep 2020 – Present

Integrated GitHub, email, Slack, and Ansible with Jenkins, and streamlined deployments using Argo CD for GitOps workflows.

Automated configuration management and Infrastructure as Code with Ansible, reducing configuration drift and improving consistency.

Provisioned and managed VPCs and infrastructure using Terraform, enabling scalable and repeatable environment creation.

Developed and deployed containerized applications with Docker and Docker Compose, including authoring custom Compose files for multi-service setups.

Architected multiple VPCs with public and private subnets, distributing them across availability zones to enhance resilience and security.

Deployed applications on Kubernetes clusters using AWS EKS, ensuring scalability and simplified orchestration.

Managed workloads on AWS ECS, leveraging container orchestration for efficient resource utilization.

Applied AI engineering practices by integrating machine learning workflows into cloud-native environments, enabling intelligent automation and data-driven decision-making.

Accord synergy ltd

Linux Support Engineer (Pune) Jul 2019 to Sep 2020

Installs, configures, maintains, and troubleshoots Linux-based systems, servers and networks and Enables file sharing across systems in a network, commonly used in UNIX/Linux environments and virtualization platforms like VMware.

Secure link PVT Ltd

Deployment Engineer (Pune) Feb 2017 to Jul 2019

Organizes and manages the various parts of a project to ensure its success. Coordinates, and has direct responsibility for, a project or specific set of tasks related to a function or program or department/business unit Managing DPR & MDB and P&L

Syncroute Infranet Pvt Ltd

Test Engineer (Pune) Mar 2016 to Feb 2017

Worst KPIs cells improvement analysis. Managing customer complain for low throughput.

Ahead industry Pvt Ltd

Test Engineer (Indore) Mar 2015 to Feb 2016

Worst KPIs cells improvement analysis. Managing customer complain for low throughput.

Mphasis

Test Engineer (Indore) Feb 2014 to Mar 2015

Worst KPIs cells improvement analysis. Managing customer complain for low throughput.

PROJECTS

GitOps Microservices Deployment Pipeline

Role: DevOps Engineer

Tech Stack: Node.js · Kubernetes · Argo CD · GitOps

Description:

Implemented a GitOps-based deployment pipeline for Node.js microservices on Kubernetes using Argo CD. Focused on progressive delivery and automated rollbacks to ensure safe, independent deployments.

Responsibilities:

- Architected GitOps workflows for automated deployments triggered by Git commits.
- Configured Argo CD sync policies for health checks and rollback on failure.
- Provisioned Kubernetes clusters using Infrastructure as Code for consistency.

Demo project link - <https://github.com/Avatar1992/node-microservices-argocd.git>

Inventory Management App CI/CD Automation

Role: DevOps Engineer

Tech Stack: Flask · Docker · GitHub Actions

Description:

Developed a CI/CD pipeline for a Flask-based inventory app, enabling zero-touch deployments and robust testing.

Responsibilities:

- Built GitHub Actions workflows for automated deployments on merge.
- Integrated static analysis and automated tests for code quality.
- Containerized the app using Docker for consistent releases.

Demo project link - <https://github.com/Avatar1992/flask-inventory-devops.git>