Bittu kumar

I am an aspiring DevOps Engineer with a strong foundation in theoretical concepts and practical project implementation. I am enthusiastic about contributing innovative solutions to build seamless cloud infrastructure and drive automation.

Noida, India
6205659639
bittush9534@gmail.com
Github
Linkdien
Portfolio

EXPERIENCE

EXL service india pvt limited Noida— *Associate Analyst*

APRIL 2024 - PRESENT

- Collected, cleaned, and analyzed data using Excel and Python to generate actionable insights.
- Created reports and visualizations to support business decisions.
- Collaborated with teams and clients on data-driven projects and forecasting models.
- Documented analysis processes and conducted research on industry trends.
- Gained foundational experience in automation and scripting.
- Developing interest in DevOps and cloud technologies for future career growth.

Projects

3-Tier Application Deployment on AWS EKS | Github

- Designed and deployed a 3-tier app on AWS EKS using Terraform (IaC) for scalable, repeatable infrastructure.
- Automated provisioning of EKS, networking, and security via Terraform.
- Built CI/CD pipeline in Jenkins (Groovy) for automated build, test, and deployment.
- Integrated SonarQube and Trivy for code quality and image vulnerability scans.
- Used Nexus for managing build artifacts and dependencies.
- Containerized app with Docker and pushed images to Docker Hub.
- Configured Kubernetes (EKS) for high availability and orchestration.
- Automated Jenkins, SonarQube, and Nexus setup using Ansible.
- Monitored systems with Prometheus/Grafana and AWS CloudWatch.
- Used Git/GitHub for version control and Maven for packaging.

10 Tier Microservices Projects | Github

- Designed CI/CD pipelines for 10+ microservices using Jenkins Multi-Branch and GitHub Webhooks.
- Built components using Maven, Gradle, and NPM based on

SKILLS

Kubernetes

Docker

Ansible

Terraform

Python & Bash

AWS

Prometheus & Grafana

Git & Github

Jenkins & GitHub Actions

Ubuntu

CERTIFICATES

AWS DevOps Engineer certificates- EXL

Kubernetes - EXL

Docker - EXL

LANGUAGES

Hindi, English

project needs.
- Containerized apps with Docker, performed security scans (Trivy), and pushed images to a private registry.
- Provisioned and configured AWS EKS clusters using Terraform and AWS CLI.
- Deployed microservices on EKS with high availability and autoscaling.
- Automated build, test, and deployment workflows, reducing manual effort.
- Managed containerized workloads on Kubernetes Pods and AWS EC2.
- Integrated GitHub for version control and streamlined CI/CD processes.

Ansible VM Monitor Automation | Github

- Developed VM monitoring automation using Ansible to track system health across multiple servers.
- Collected and reported CPU, memory, disk, and network metrics.
- Implemented Infrastructure as Code (IaC) principles for consistency.
- Automated email alerts for critical performance data.

EDUCATION

Arcade Business college, Patna— *BCA*

MAY 2020 - JUNE 2023

P.C.P Inter college, Biharshrif— *12 th*

APRIL 2018 - MAY 2020