PAWAN KUMAR VERMA

Total Exp: 6.9 Years

Relevant DevOps Exp: 4 Years

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# Professional Summary :

DevOps Engineer with 4+ years of experience in automating, deploying, and managing scalable cloud infrastructure on AWS and GCP. Proficient in CI/CD pipelines, Docker, Kubernetes (EKS/GKE), Terraform, and monitoring tools like Grafana and ELK. Skilled in streamlining software delivery, improving deployment reliability, and supporting mission-critical systems in production environments.

# TECHNICAL SKILLS:

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| --- | --- |
| **DevOps** **CI/CD Tool** | Jenkins |
| **Build Tool** | Maven, NPM |
| **Container Management Tool** | Kubernetes (EKS,GKE) |
| **Source Code Management** | Git ,GitHub and Bit Bucket |
| **IAC Tools** | Ansible & Terraform |
| **Containerization Tool** | Docker |
| **Ticketing Tool** | JIRA |
| **Artifact Management Tool** | Nexus3 & JFROG |
| **Scripting** | Shell and Python |
| **Code quality check Tool** | Sonarqube |
| **Operating System** | Windows and Linux |
| **Cloud Platform** | AWS + GCP |

# WORK EXPERIENCE:

**Bharat Electronics Limited** Jan 2021- Jan 2025

**Designation**: Project Engineer- DevOps Role

* Deployment to EKS (Elastic Kubernetes Service) and GKE(Google Kubernetes Engine)
* AWS and GCP infrastructure management
* Experience in creating continuous integration & continuous deployment pipelines from scratch
* Good hands-on experience in Docker files and Docker images
* Integrate various tools across CI/CD stages such as Nexus, Sonarqube, and Git as per requirement
* Using Maven for building applications
* Used Nexus for artifact management
* Experience in creating CI/CD Pipelines using DevOps tools
* Artifacts management using Nexus
* Deployments using Jenkins
* Used Terraform for Infrastructure provisioning and resource creation
* Worked on Sonarqube for code review
* Worked on GCP Cloud Spanner for autoscale a DB
* Worked on AWS Lambda functions and GCP Cloud Functions
* Created & worked on EKS Cluster and GKE cluster

# PROJECTS:

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| --- | --- |
| Project 1 | FFDTA |
| Organization | ECI |
| Tools & Technology Used | Jenkins, Git, Sonarqube, Nexus, Grafana, Linux, Kubernetes, JIRA, Docker |
| Role | DevOps Engineer |
| Responsibilities | - Build continuous integration & continuous deployment pipeline using Jenkins- Writing Docker files for Docker images to be used for application deployment- Manage source code repository using GIT- Deployments using Jenkins- POD Management in GKE Cluster- Integrate Code quality tools like Sonarqube- Integrating Nexus3 tool for Artifact management- Creating a dashboard using Grafana for monitoring- Prepare high level documentation explaining Installation & Configuration.- Support engagements to fix issues during critical deliveries/releases- Provisioning Compute VMs, Cloud Storage using Terraform- Using JIRA tool for ticket tracking |

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| --- | --- |
| Project 2 | EMS |
| Organization | ECI |
| Tools & Technology Used | Maven, GitHub, SonarQube, Nexus, JENKINS, Docker, Kubernetes, ELK, Grafana |
| Role | DevOps Engineer |
| Responsibilities | - Creation of a new CI/CD pipeline from scratch using JENKINS- Deployments to EKS- AWS Infrastructure Management- Using maven for building the projects- Managing artifacts using Nexus- Using Terraform to provision resources- Integration of tools like Sonarqube- Adding Linux VM as an agent for running pipelines- Creating and managing EKS Cluster in AWS- Provisioning EC2VMs, S3 Buckets VMs Using Terraform |

**Electronics Corporation of India Limited** September 2016- May 2019

**Designation**: Junior Technical Officer

(2.2 years as a Sr.Consultant and 7 months as a JTO)

* Gained hands-on experience working with **Linux operating systems** for basic tasks like file management, user permissions, installing packages, and running shell commands.
* Wrote simple **Python scripts** to automate tasks such as reading files, renaming files, and generating basic reports.
* Helped in setting up Linux systems for project teams and solved basic issues related to system performance and configuration.
* Learned and used Python modules like os, time, and csv for small automation tasks.
* Collaborated with senior engineers to enhance existing automation scripts and gain exposure to real-world Python applications in testing and monitoring.
* Created step-by-step documentation to help team members use Linux commands and Python scripts.

# EDUCATION :

* B.Tech **(EE)** From**Siliguri Institute of Technology** , SILIGURI (W.B.) in 2010-2014