


# Kundan Kumar

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## Objective:

**Junior Devops Engineer** with 1+ year of hands-on experience AWS, Microsoft Azure, Linux, Git & GitHub, Docker, Kubernetes, Jenkins, Ansible, Terraform, Grafana-Prometheus, SonarQube and Office 365. A problem solver with a track record of resolving issues promptly. Eager to contribute and excel in dynamic environments.

## Professional Experience:

### Junior Devops Engineer

**Precision pyramid Pvt. Ltd. (IT Consulting Company).**

New Delhi | Oct 2022 – Jan 2024

- Implemented Jenkins CI/CD pipelines with declarative syntax, GitHub webhooks, Poll Scm, Maven, and SonarQube for code analysis. Utilized Docker for image building, and pushed the image on docker hub and introduced Argo CD for automated deployment on kubernetes clusters with scalability and rolling policy and test on production environment by ingress for boosting efficiency and reliability in development.
- Automated infrastructure provisioning and configuration management with Terraform and ansible enhancing deployment speed and reliability
- Implemented CI/CD pipelines using Jenkins and Circle Ci, Git, GitHub, Docker, Kubernetes, and SonarQube for seamless software delivery and continuous integration. Manage the continuous deployment on kubernetes cluster by using Argo CD.
- Engineered comprehensive monitoring and observability solutions leveraging Prometheus, Grafana, Kube State Metrics, and Grafana Agent, ensuring real-time insights into Kubernetes Cluster health and performance.
- Monitored and optimized AWS cloud resources using aws cost explorer and aws pricing calculator and AWS CloudWatch, achieving significant cost savings and performance improvements. Manage and control the IAM user, role, group, policy and enabling MFA (multi-factor-authentication).
- Collaborated with cross-functional teams to troubleshoot and resolve deployment issues, ensuring high availability of applications.
- Implemented DevOps Kubernetes project, establishing IAM user and Terraform for AWS setup. Deployed Jenkins on AWS, integrated with Sonarqube. Implemented monitoring using Prometheus, Grafana, and DNS configuration for custom subdomains. Installed ArgoCD for GitOps practices, developed Jenkins pipelines for CI/CD, and ensured data persistence with persistent volumes and claims.
- Successfully deployed and managed EFK stack on Kubernetes for efficient log management, including Ingress configuration
- Led the containerization efforts of Node.js application using Docker, facilitating seamless deployment to production environment
- Manage and control user profile and configure the policy on the user in azure active directory.
- Assign the license of the user E3, E5, E1 in microsoft office365.
- Designed custom dashboards and panels on Grafana, extracting actionable insights from Prometheus and Grafana Agent data source to drive informed decision-making.

## Technical Support Engineer

Fourth Dimension Pvt. Ltd. (IT Consulting Company).

Gurgaon | Dec 2021 – Aug 2022

- Provided technical support for Azure Active Directory and Microsoft Office 365 Managed user creation, modification, and restoration in Azure Active Directory. Oversaw user profiles, organizational unit (OU) creation, and group policies. Administered guest user management and custom domain setup in Azure AD. Enabled multi-factor authentication (MFA) and password policies.

## Desktop Support Engineer L1

Vinayak Compserve Pvt. Ltd. (IT Software and Networking).

New Delhi | Jan 2021 – Aug 2021

- Working with Linux Operating System and install packages and also working with DNS and DHCP.
- Manage and control the packages on local repository to remote repository.
- Manage and control user profile and OU

## Desktop Support Engineer

Jeet Infotech Pvt. Ltd. (IT Software and Networking).

New Delhi | Jan 2018 – Dec 2020

- Configure and manage internet printers, DNS, DHCP and troubleshooting some system related issues and package update and install.
- Configure and manage the intune portal and password reset of the user profile.
- Working with google workspace with user management

### Certification:

- AWS Certified Solution Architect-Associate (April 2024)
- IBM Certified Devops Fundamentals (May 2024)

### Tools and Technology:

- IAC Tool: Terraform
- Configuration Management Tool: Ansible
- Operating Systems: Linux, Ubuntu, Debian
- Cloud Technologies: AWS, GCP
- Container-registry: Docker-Hub
- Code scanner tool: SonarQube and Docker bench for security
- Containers Tools: Docker
- Version Control: GIT, GITHUB and GitLab
- CI/CD: Jenkins and Circle Ci
- Deployment & Orchestration Tools: Kubernetes (K8s), Argo CD and Helm
- Logging and Monitoring: Prometheus, Grafana, Grafana Agent, Aws Cloud Watch
- Networking: Route53, DNS, DHCP, TCP/IP, OSI,VPC,SUBNET,SDLC,NAT, IG
- Scripting Language: Python, Shell Script, yaml
- Server: ApacheTomcat
- Database: MySql

### Educational Qualifications:

B.Tech (Bachelor of Technology)- CSE | RTU Kota

2013 – 2017