**RANJEET SINGH**

Mirzapur, U.P.

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### **Professional Summary:**

Results-oriented DevOps Engineer with 2+ years of experience in designing and implementing CI/CD pipelines, automating infrastructure using tools like Terraform and Ansible, and managing containerized applications with Docker and Kubernetes. Skilled in optimizing workflows, enhancing system reliability, and collaborating cross-functionally to achieve business goals. Adept at integrating modern DevOps practices to deliver scalable, secure, and high-performing applications.

### **Technical Skills:**

**DevOps Tools:** Jenkins, Git, Docker, Kubernetes Basic, Terraform, Prometheus, Grafana  
**Cloud Platforms:** AWS (EC2, S3, RDS, ECS, Lambda Basic, CloudFormation), Azure, GCP, DigitalOcean  
**Programming/Scripting:** Python, Bash, YAML  
**Version Control:** GitHub, GitLab, Bitbucket.  
**Databases:** MySQL, PostgreSQL, MongoDB  
**Operating Systems:** Linux (Ubuntu, CentOS), Windows  
**Monitoring Tools:** Prometheus, Grafana, ELK Stack  
**Networking:** Nginx, Apache, Load Balancing, DNS Configuration

### **Professional Experience:**

#### **DevOps Engineer-**

**MobileCoderz Technologies Pvt Ltd. | Noida**  
**Duration:** *Oct 2022 – Present*

* Designed and maintained CI/CD pipelines using **Jenkins** and **GitLab CI** to streamline deployment processes for multiple microservices.
* Automated infrastructure provisioning and configuration management using **Terraform** and **Ansible**, reducing manual intervention by 80%.
* Deployed containerized applications using **Docker** and orchestrated them with **Kubernetes**, improving scalability and reducing downtime.
* Monitored system health and application performance using **Prometheus** and **Grafana**, creating custom dashboards for real-time metrics.
* Collaborated with developers to troubleshoot build and deployment issues, improving deployment success rates by 30%.
* Optimized AWS cloud resources (**EC2**, **S3**, **RDS**) to reduce costs by 20% while maintaining performance.

#### **IT Admin-**

**MobileCoderz Technologies Pvt Ltd.** **| Noida**  
**Duration:** Mar 2021 – Sept 2022

#### **Desktop Support Engineer (Residence Engineer)-**

**Employer:** **MIBS** (Mahindra Integrated Business Solutions). Deployed at **Mahindra & Mahindra Ltd**.  
**Duration:** Aug 2018 – Oct 2020

#### **Desktop Support Engineer-**

**Employer:** **Wipro Ltd.**. Deployed at **Mahindra & Mahindra Ltd**.  
**Duration:** Mar 2018 – Jul 2018

#### **IT Executive-**

**Jetking Learning Centre-**  
**Duration:** Feb 2017 – Mar 2018

### **My Role and Responsibilities here-**

* **System Management:**
  + Install, configure, and maintain operating systems, software, and hardware.
  + Perform regular system updates, backups, and data recovery operations.
* **Network Administration:**
  + Configure and maintain LAN, WAN, and VPN connections.
  + Monitor network performance and troubleshoot connectivity issues.
  + Manage IP addressing and ensure network security.
* **User Support:**
  + Provide technical support for hardware, software, and network-related issues.
  + Configure and troubleshoot email systems like MS Outlook.
* **Hardware Maintenance:**
  + Install and repair hardware, including printers, scanners, desktops, laptops, and Mac devices.
  + Ensure hardware compatibility and proper functioning.
* **Security Management:**
  + Install and manage antivirus software and firewalls.
  + Ensure data protection through encryption and system backups.
* **Documentation:**
  + Maintain records of IT inventory and support tickets.
  + Document configurations, procedures, and changes for future reference.

### **Education:**

**Bachelor of Computer Application**Rabindranath Tagore University | Bhopal, MP | Year: 2022

**Bachelor of Art**Shivlok Srinet Mahavidhyalaya | Mirzapur, U.P. | Year: 2015

**Intermediate**UP Board | Mirzapur, U.P. | Year: 2012

**High School**UP Board | Mirzapur, U.P. | Year: 2010

### **Certifications:**

* Computer Hardware and Networking from “JETKING”
* DevOps Zero To Hero: Batch 7 from “Train With Shubham”

### **Key Projects:**

#### **CI/CD Pipeline Implementation**

* Designed a Jenkins-based CI/CD pipeline for a Node.js, React application, Java and Django enabling automatic testing and deployments upon GitHub code pushes.
* Integrated SonarQube for code quality checks and automated notifications via Email amd Slack.

#### **Infrastructure Automation**

* Automated the provisioning of cloud infrastructure for a multi-tier application using **Terraform**.
* Configured Ansible playbooks for consistent server setups across environments.

#### **Monitoring System Setup**

* Implemented a centralized monitoring system using **Prometheus** and **Grafana**, reducing incident response time by 50%.
* Deployed custom alerts for critical application thresholds.

### **Achievements:**

* Reduced application downtime by 40% through the adoption of container orchestration with Kubernetes.
* Migrated legacy applications to Docker containers, resulting in a 25% improvement in deployment speed.
* Received **Best Performer in 2023** for outstanding performance in implementing DevOps practices.

### **Soft Skills:**

* Excellent problem-solving and troubleshooting abilities
* Strong collaboration and communication skills
* Adaptability to new tools and technologies
* Time management and multitasking under tight deadlines

### **Languages:**

* Hindi & English

**Declaration:**

I hereby declare that all the information furnished above is true to the best of my knowledge and belief.

Place -

Noida U.P. Signature

*Ranjeet SIngh*