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# UTKARSH KUMAR

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## PROFESSIONAL SUMMARY

- **2+ years** of experience in DevOps, experience in scripting, automating, release management, developing CI/CD jobs, and configuration management.
- DevOps Engineer possessing knowledge of cloud-based technology for handling deployment of infrastructure & **Release Management**.
- Good hands on experience with **Linux** and shell scripting.
- Hands-on knowledge of software containerization platforms like **Docker** and its services.
- Experience in **Kubernetes** to orchestrate the deployment, scaling and management of Docker Containers in production environment.
- Hands on experience with **AWS** like EC2, IAM, S3, VPC etc.
- Proficient knowledge with **Helm** charts.
- Good understanding of Infrastructure as Code (Programmable Infrastructure), and how you can achieve that by using tools like **Terraform**.
- Creating Continuous Integration and Continuous Delivery jobs with **Jenkins**.
- Kubernetes administrator and release management in kubernetes project.
- Using the **Blue-Green deployments** approach to upgrade the application on the production site.
- Perform pre-QA and post-QA testing to ensure application functionalities are running properly using Jenkins.
- Debugging build failures, coordinating with developers, and testers to resolve related issues.
- Using confluence to document the requirement of the upgrade process.
- Troubleshooting the issues while the deployment of the application and upgrade process.
- Using the Cloud automation tool (CAT) to launch the servers for green Deployment.
- Using Splunk to analyze log for troubleshooting.

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## TECHNICAL SKILLS

- Build tools : Maven
- Version Control System : Git
- Programming Language : C++, Java
- Scripting Language : Bash, Python
- Continuous Integration tool : Jenkins
- Cloud : Amazon Web Services
- Infrastructure as Code : Terraform
- Containerization : Docker
- Container orchestration : Kubernetes

## EXPERIENCE

### **Kronos Solutions India Pvt Ltd , Noida** - *DevOps Engineer*

Aug 2020 - Present

- Kubernetes administrator and release management in kubernetes project
- Blue-Green deployments approach to upgrade the application on the production site.
- Applying patches and hot-fixes manually on the servers.
- Perform pre-QA and post-QA testing to ensure application functionalities are running properly using Jenkins.
- Debugging build failures, coordinating with developers, and testers to resolve related issues.
- Troubleshooting the issues while the deployment of the application and upgrade process with other teams.

### **SDGM Technologies , New Delhi** - *Associate DevOps Engineer*

Feb 2019 - July 2020

- Creating CI/CD jobs with Jenkins
- Creating Shell scripts for day to day activities and tasks for automating.
- Linux administration : User creation, passwordless entries, managing permissions in linux, disk space management.
- Using Git to manage source code using git workflows.
- Responsible for taking source code and compiling it using Maven and packaging it as a WAR file, using Shell scripting.
- Good knowledge of Docker.
- Configuration management with Ansible playbooks.

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### **Yugen Corp - Devops Intern**

- Linux hardening, and server configurations.
- Managing AWS services, EC2, security groups etc.
- Terraform resource creation, developing json file for automation.

## **EDUCATION**

### **VIPS, Guru Gobind Singh Indraprastha University, New Delhi -**

*Bachelor of Computer Applications*

*(last year result awaited)*

### **Kendriya Vidyalaya Janakpuri , New Delhi -**

*Senior Secondary (10+2) - Science*

April 2015 - March 2016

### **Kendriya Vidyalaya Janakpuri , New Delhi -**

*Secondary (10)*

Feb 2013 - March 2014

## **CERTIFICATION & TRAINING**

### **DevOps Certification Training - Edureka**

Jan 2019 - Mar 2019

- Continuous Integration, Continuous Deployment, Continuous Delivery.
- Continuous Monitoring, Configuration Management
- Deploying Git, Jenkins, Puppet, Docker to automate multiple steps in SDLC.