**Ashwani Kumar Pal**

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**Mobile No :** +918957763871, +919513202404

**Professional Summary :**

Overall 3 years of experience in Linux, Docker, Azure, AWS,, Infrastructure As Code(Terraform), Configuration Management, Application build & Deployment pipelines , Automation and DevOps processes with excellent problem solving skills.

**TECHNICAL SKILLS**

* **Operating Systems:** Ubuntu, Redhat, Centos, Windows
* **Containerization Tools:** Docker and docker-swarm orchestration, kubernetes
* **Scripting:** Shell, Python, Groovy
* **Monitoring Tools:** Nagios, PRTG, New-Relic, Logentries, Sensu
* **CI/CD Tools**: Jenkins
* **Version control:** GitHub, Bitbucket, Beanstalk, GitLab, SVN
* **Configuration management:** Ansible
* **Web Servers:** Nginx, Apache
* **Team collaboration tool:** Slack
* **Project management:** JIRA software and service desk
* **Databases:** MySQL, PostgreSQL, MongoDB (Clustering)
* **Cloud services:** AWS, Azure
* **Server Build and management:** Packer, Terraform, Vagrant
* **Build tools:** Maven, gradel
* **A good Troubleshooting skills**

**Professional Experience**

**DevOps Engineer in Indiavidual Learning PVT LTD (Embibe) OCT-2019 to present**

Roles & Responsibilities:

* Infrastructure owner (AZURE & AWS accounts)
* Infra architecture management keeping it highly available
* Managing CI/CD pipelines
* Implementation of Microservice build and release with kubernetes
* Infra security and access management
* Infrastructure scaling automation
* Infrastructure and application monitorings
* Complex HaProxy routing for multiple sub domains

**Associate DevOps Engineer in MicroGenesis Techsoft JULY-2018 to OCT 2019**

Roles & Responsibilities:

* Responsible for the design, implementation and management of Continuous integration Continuous delivery and continuous testing pipelines.
* Infrastructure provisioning and application deployment on AWS using Ansible, Bitbucket & Jenkins.
* Application deployment in Docker container using docker swarm orchestration.
* On premises test/development, server build and management using vagrant.
* Server monitoring using Nagios and automation of configuring new servers for Nagios monitor(Add new server in existing Nagios server)
* Creation of advanced workflow using Atlassian ALM tools like JIRA Software, Confluence, BitBucket, and Bamboo.
* Automation in Jira Software/Service Desk using Groovy and Jira-plugins.
* Identifying the requirements of the clients and providing the best SCM/ALM solutions using Atlassian tools.
* Creating and customizing Jira dashboard and team-specific agile process flow and developing confluence pages.
* User permission management in Atlassian tools and AWS.
* Email notification configuration and management of AWS account & billing.

**(Client)DevOps consultant in Mercedes Benz India FEB-2019 to OCT 2019**

* Ant to Maven migration for car testing software(UI & server)
* SVN to GIT migration
* Maintaining CI/CD workflow using Jenkins, Ansible, shell, and python
* Automation of application deployment in WAS server
* Code quality test using SonarQube
* Responsible for Build and deployment automation
* Responsible for server maintenance and its performance in all the environment(DEV, TEST, PROD)

**Jr. DevOps Engineer in Hashedin Technology JULY-2017 to JUNE-2018**

Roles & Responsibilities:

* Responsible for Multi-Host infrastructure performance
* Application maintenance and time to time featured modification according to application and customer need
* Infrastructure and Application monitoring
* Rollback implementation
* Jenkins build configuration and troubleshooting
* Production release management(Infrastructure Automation)
* Docker swarm cluster and containers management/Deployment according to application needs
* Internal and client demo of DevOps tasks.
* 24x7 on-call support for US clients
* Application infrastructure owner
* User management for the Dev team to access servers and monitoring tools

**Professional Certification**

**AWS Certified SysOps Administrator - Associate (Nov 2017)**

<https://www.certmetrics.com/amazon/public/badge.aspx?i=3&t=c&d=2017-11-27&ci=AWS00368922>

**Projects**

1. **Gitlab setup:**

* Gitlab installation & backup restore on AWS (stand-alone & Highly available models) with external PostgreSQL.

1. **AWS security & cost audit:**

* Python Boto3 script to fetch information about AWS account cost, security groups(with instance name) which have ports open for all & list out IAM users information.

1. **Production Infrastructure provisioning and application deployment**
   1. Infrastructure provisioning using Ansible, Jenkins, Bitbucket
   2. Automation of Nagios monitoring configuration for newly created servers
   3. Automation of CI maven build for a TomCat application
   4. Automation of application deployment
2. **Buzztime:**
   1. Application deployment on the Multi-Host docker swarm cluster.
   2. Rollback Implementation with docker ansible & Pipeline script.
   3. Automation of Docker private repository(nexus) cleanup with the shell script and Jenkins job
   4. Ansible Jinja template to generate docker-compose files dynamically.
   5. Infrastructure monitoring with PRTG & log-entries.
3. **DevOps Workflow Setup for Product Based and Medical Device Company:**
   1. CI/CD workflow setup on AWS using bamboo.
   2. Automation of Infrastructure provisioning on AWS using Ansible and adding the new servers into existing CI/CD workflow.
   3. Automation of application deployment on newly created servers.
   4. Bamboo job to configure and add new servers into Nagios monitoring
4. **Infrastructure scaling implementation in Azure (**A windows based application scaling management solution)
   1. Creating Azure custom VM image using packer with latest code base
   2. Adding newly created VM image into VMSS group and rolling update
5. **Implementing Google Secure LDAP for organization** 
   1. Implemented wIth Linux VM’s
   2. Implemented with Windows VM’s
   3. Implemented with Jenkins
   4. Implemented with OpenVPN Access Server
6. **Jira Service Desk Configuration for Grant Thornton:**
   1. Jira project, screen and workflow creation.
   2. Condition and post-function groovy scripts for Jira workflow.
   3. Creation of Jenkins job from Jira ticket using groovy and Jenkins rest API.
   4. Multi-select checklist Jira project to create multiple tickets at a time for new employee onboarding.

**Education**

* High school from U.P. Board, Allahabad (2010-2011), marks 60.5%
* Intermediate from U.P. Board, Allahabad (2012-2013), marks 64.34%
* B.Tech computer science from SHIATS Allahabad(2013-2017), Marks 73.2%

**Personal Details**

**Date of birth:** 29-01-1995

**Nationality:** Indian

**Marital Status:** Single

**Languages:** English, Hindi.

**Permanent Address:** Allahabad U.P. pin-211003

**DECLARATION**

I hereby declare that the above-mentioned information is correct up to my knowledge and I bear the responsibility for the correctness of the above-mentioned particulars.

(ASHWANI KUMAR PAL)