



Pulkit Kumar

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"A self-motivated, hands-on, technical Individual Contributor (Agile); Having experience of 18+ yrs. in 'Automations, Build & Release, SCM, DevOps'.

My thought process revolves around "Simplification by Automation".

I do believe in "Just in Time or on spot Learning" while implementing, which ensures me as a Day-1 billed Engineer; A workaholic person with a very short learning curve, who really enjoys and lives his Job."

Technical Skillsets:

Tools/Technologies/Practices	Enablers
PUBLIC CLOUD PLATFORMS	AWS, Alibaba Cloud, AZURE, GCP, IBM, Oracle, OpenStack
SCRIPTING/AUTOMATIONS	Python3, Terraform, GO, YAML, GROOVY, Ruby, Perl, Bash, Ansible, Pulumi, AZ-ARM, AZ-Bicep, CloudFormation, Puppet etc etc.
CODE_BUILD	Maven (POM), ANT & IVY, MAKE, nAnt, GMAKE etc.
MISCELLANEOUS	Sonatype Nexus, IVY, ISTIO, CEPH(ROOK), GitOps, DataOps, Chaos Engr. Calico, VirtualBox, Vagrant, SixSigma, Scrum Foundation, NewRelic Observability, CockroachDb, ArangoDb, Qualys, Vulnerability Mgt., PagerDuty, Cribl, GraphQL, ServiceMesh etc
SECURITY_TOOLS	CloudTrail, AWS Config, Security Hub, VPC Flow Logs, KMS, IAM, SCP, RBAC, Roles & Policies, Secure Token Service, Federation, SSO, WIZ etc
DEVSECOPS	SonarQube, Crucible, Coverity (Static & Dynamic coverage), Javadocs, BlackDuck, Rapid-7, AWS Security Hub, Jacoco, Code Complexity, WIZ etc.
CONTAINERIZATION	Docker, Kubernetes, Swarm, Compose, Dockerfile, OpenShift, Podman, Containerd, Kompose, Kitematics, k3s, k9s, AWS ECS, Fargate, GKE, AKS, ACS, Minishift, Minikube etc.
Version Control Tools	BitBucket, GIT, GitHub, SVN, UCM/Base ClearCase & Multisite, Perforce, Mercurial, Harvest, TFS
BUILDS PIPELINES_CI/CD	Jenkins, GitHub Actions, Gradle, GitLab, GitOps, ArgoCD, Bamboo, JenkinsFile, UrbanCodeDeploy, UrbanCode Release, ElectricCommander, TeamCity, CruiseControl and Native Cloud Tools.

MONITORING	Prometheus & Grafana, Elastic Stack, Splunk, BigPanda, DataDog, Dynatrace, AppDynamics, CloudMonitor, LogService etc
APP_PACKAGING	RPM Specs (Complex level), InstallShield, Helm Charts
AGILE_TOOLS	Rally, JIRA, ServiceNow, Azure Boards, Bugzilla
Tools/Technologies/Practices	Enablers

Major Professional Certifications Earned:

Automations

1. **HashiCorp Certified Terraform Associate**
2. **Python Institute Certified** for Prog Essentials in Python (PCAP)

Public and Hybrid Cloud Platforms:

1. **AWS Certified** DevOps Engineer - Professional
2. AWS Certified Solutions Architect – Professional
3. **Google Cloud** Certified Professional DevOps Engineer
4. **Google Cloud** Certified Professional Security Engineer
5. **Alibaba Cloud** Certified Professional DevOps Engineer (ACP DevOps)
6. Alibaba Cloud Certified DevOps **Specialty (ACS DevOps)**
7. Alibaba Cloud Certified Cloud Migration **Specialty (ACS Cloud Migration)**
8. Alibaba Cloud Certified Innovative Computing **Specialty (ACS Innovative Computing)**
9. **Microsoft Certified Azure** DevOps Engineer Expert (AZ-400)
10. Microsoft Certified Azure IoT Developer Specialty (AZ-220 Specialty)
11. Microsoft Certified Azure Data Scientist Associate (AZ DP-100)
12. Microsoft Certified Azure AI Engineer Associate (AZ-AI-102)
13. **Oracle Certified** Data Management Associate
14. Oracle Certified Foundations Associate
15. **IBM Cloud** Advance Istio and Kubernetes
16. IBM Cloud Building Cloud Native and Multi-Cloud Apps
17. IBM Cloud DataOps Methodology
18. **Red Hat Accredited** Delivery Specialist Container Platform Application Deployment (OpenShift, CRC & Podman)
19. Red Hat Accredited Delivery Specialist Automation (Ansible)

DevOps and Misc:

1. **Gremlin Certified Chaos Engineering Professional**
2. **PagerDuty Certified** for Event Intelligence
3. **New Relic Certified Full Stack Observability Practitioner**
4. **Cribl Certified Observability-Stream Admin**
5. **GitOps** at Scale-II CodeFresh.io Certified for ArgoCD
6. **GitOps Certified** by Linux Foundation
7. **Solo.io Certified** Expert for ISTIO
8. **Tigera Certified** Calico AWS Expert
9. Tigera Certified Calico AZURE Expert
10. **JumpCloud Core** Certified Professional
11. **CyberArk Certified** Trustee

12. **Zerto Certified** Associate
13. **Fortinet Certified** NSE 3 Network Security Associate
14. **Qualys** Certified VMDR-2
15. **Nutanix** Certified Envisioning Hybrid Cloud
16. **Arango DB Certified** Professional
17. **Apollo Graph QL Certified** Developer - Professional
18. **Cockroach University Certified** Cockroach DB Serverless
19. **CertiProf** Certified **Scrum** Foundation Professional

Work History

2015 - Current

HCL Tech.

- Working with direct customer facing Agile Model as an Individual Contributor.
- Technically mentoring/managing engineers as “DevOps & Infra as Code” Eco-System practice.
- Architected and Automated end to end AWS-China Infra/DevOps.
- Automating the challenging configuration w.r.t. Infra and DevOps for AWS-China (Terraform, Python3 “boto3, CDK, Pandas, NumPy” Bash, Golang).
- Complete Infra, DR and DevOps Automation in Azure (Terraform+Python3+sh+YAML+Bicep+KQL)
- End-to-end automation of AWS-Global (IaC using Terraform+Python3+CF).
- DevOps and Contaranzation Automation for Google Cloud.
- Deploying and managing applications with tools like Docker/Kubernetes/Swarm/Compose/Kitematics/Podman/AWS Fargate/AWS ECS/k3s/k9s/Apache Mesos/Azure k8s service/ Google k8s Engine.
- Multi-Cloud & DevOps Automations using Terraform, Python, Argo CD, Ansible, Pulumi, AWS CloudFormation, Azure ARM, Azure DSL Bicep, Azure KQL
- CI/CD pipelines Automations/Jenkinsfile, GitHub Actions, GitLab, Native Cloud tools.
- ServiceNow and AWS Discovery Implementation (sts Based)
- Rapid7 and AWS Integration (Assume Role Based)
- Actively involved in Serverless conversions of projects (Lambda & Docker, Kubernetes, Swarm, AWS Fargate, Compose, Podman, Kitematics, Argo CD, GitOps)
- Implementation/Automation of DevSecOps integration with pipeline: SonarQube, Crucible, Coverity (Static & Dynamic coverage), BlackDuck, Rapid-7, Jacoco, Code Complexity etc.
- AWS Identity and Access Management, AWS Roles and Policies, Azure AD and Polices, Azure RBAC.
- Contributing as Scrum Master w.r.t. Rally, JIRA, Azure Boards.
- Custom containerized monitoring solution (Elastic Stack+Splunk+BigPanda+DataDog+DynaTrace+AppDynamics).
- Designed and implemented Agile Focused Delivery Framework.

2014 - 2015

Accenture

- Build and Release Engineering
- Independently designed and implemented custom Continuous Integration framework.
- Worked on DevOps, SCM and Build & Release Management/Engineering Competency
- Hudson and Jenkins
- Implementation of various Code Metrics w.r.t
- Project Health Check
- Version Control Tools (GIT, SVN etc.) Administration

2013 - 2014

Tech. Mahindra

- Mentored a team of 18 DevOps SMEs.
- Worked on DevOps, SCM and Build & Release Management/Engineering Competency.
- Builds Automation w.r.t. Bamboo.
- Implementation of various Code Metrics w.r.t. Project Health Check.

2011 - 2013

Hewlett-Packard, India Software Operations

- Specs for Complex RPM creations.
- Managed InstallShield Projects.
- Build Automation and Continuous Integration with Electric Commander.
- Build and Release Engineering

2010 - 2010

NatWest Group (Formerly RBS)

- Handled Parallel Development environment i.e., scenario of multiple Releases at a time.
- Managed daily and weekly Builds and Packages in terms of GMake and Ant for all products.
- Build and Release Engineering

2008 - 2010

Persistent Systems Ltd.

- Configured Jenkins across all existing projects
- Build and Deployment Automation
- Integration of Bugzilla with SCM Tools

2007 - 2008

Wipro Technologies

- Automation in terms of Shell Scripts
- Other ClearCase related tasks like VOB and View Creation, Maintenance, Movement e
- Perforce (P4WIN, P4V) Administration
- Source Code migrations to different VCS tools

2005 - 2007

Nucleus Software Exports Ltd.

- Actively involved in the organization wide implementation of Rational UCM ClearCase
- Involved in End-to-End process restructuring in terms of SCM post implementation of ClearCase

Education

Examination	College/Institute	University/Board	Year
Master of Computer Applications (MCA)	Hindustan Institute of Mgt. & Comp. Studies Mathura (U.P.)	U.P. Technical University, Lucknow	2005
B.Sc. (Computer Sc.)	Dau Dayal Institute of Vocational Education, Agra (U.P.)	Dr. B. R. Ambedkar University, Agra	2001
10+2	Govt. Inter College	U. P. Board	1998
10th	Govt. Inter College	U. P. Board	1996