

# SUMIT KUMAR

Experienced professional with expertise in **DevOps Engineering, Project Planning and Cloud Computing**, strive for a position in a reputed organization across **IT industry**



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## Profile Summary

- An organized individual with **over 7 years** of experience in **Software Design & Development, Requirement Gathering, DevOps Solutions & Deployment and Higher Infrastructure Availability/Scalability/Maintenance**
- Developed **IT solutions, installed & configured solutions** and translated technical requirements; led automated deployments through the use of configuration management technology
- Hands-on experience in cloud computing (**AWS/Azure**) which includes migrations, customer on-boarding, optimization and stabilization
- Distinguished capabilities of leading initiatives to define, design and implement DevOps end to end solutions and transformations covering CI, CD for integrated lifecycle management
- Skilled in implementing, configuring, securing, performance & load balancing, system administration, software deployment, and support of our scalable cloud environment
- Proficient in DevOps/Azure DevOps, Configuration Management (**Ansible**), Infrastructure Automation (**Terraform**) and Continuous Integration and Delivery (**CI/CD**); expertise in CI (Continuous Integration) and CD (Continuous Deployment) methodologies with **Jenkins**
- Executed **routine audits, patching, up - gradation of systems**, capacity planning and benchmarking
- Directed the delivery of container based deployments using **Docker**; developed custom Docker images and worked on **Docker Hub, Docker-registries & Kubernetes (AKS/EKS)**.
- Gained exposure in databases: **MS SQL & MySQL** and scripting using **Bash/Python**

## Core Competencies

DevOps- Build & Release

Solution Installation & Configuration

Application Lifecycle Management

Infrastructure as Code (IaC)

Cloud Computing

Release Management

Continuous Integration & Delivery

Production Systems Architecture & Design

Vendor & Client Management

## Work Experience

Since Dec'19 with Mckinsey & Company, Gurgaon, Haryana as Senior DevOps Consultant

Jul'19-Dec'19 with Bravura Solutions India LLP, Gurgaon, Haryana as Build and Release Engineer (CI/CD): DevOps

Apr'17-Jun'19 with ValueFirst Digital Media Pvt. Ltd., Gurgaon, Haryana as System Engineer DevOps

### Key Result Areas:

- Consulting and designing/delivering operations transformation for client IT infrastructure; proactively building & maintaining redundant systems and procedures for high availability & disaster recovery
- Helping as one of the **primary points of contact** for users to access firm's underlying infrastructure, provisioning, installation & performing troubleshooting, incident response and patching in a timely manner
- Developing a structure as per the application requirement in **DEV, QA, PROD**; working on multitude of DevOps tools such as **Docker Containers, CI/CD (Jenkins) and JFrog Registry**; configuring & managing **Jboss, Tomcat, Apache and Asterisk Application Infrastructure**
- Executing operations of **k8s env** and installing packages on different application servers based on **Jboss/WildFly**; completing end-to-end infrastructure as a code implementation using **Ansible and Terraform**
- Deploying **Code Base** (application EARs, JARs, SQL, data files and data dumps) and managing source code & releasing cutovers on **Git**; constructing & managing Database and File System Encryption at rest using **AWS KMS and Thales Vormetric Key Encryption**
- Fixing, creating, releasing and delivering build packages; assisting in requirements and procedures for implementing routine maintenance

- Closely working with **Developers and Architects** in developing/debugging & supporting application configurations based on requirements
- Identifying & monitoring **monthly metrics & KPIs**, ensuring adherence to operational standards and consistently applying them; developing & monitoring escalation processes to ensure that SLAs are achieved
- Synchronizing with **vendors & support team** on problem resolution, design issues and upgrades; documenting the design, operations and troubleshooting of technology platforms and procedures
- Directing end-to-end management and **monitoring project progress** as per scheduled deadlines for various tasks; steering efforts to ensure timely execution within the stipulated parameters

## Previous Experience

**Apr'15- Apr'17 with Voicetree Technologies Pvt. Ltd., New Delhi as Software Engineer**

### Highlight:

- Responsible for deployment of Code Base (Apache, Asterisk-SIP); created backend API's using PHP

**Sep'13- Jul'14 with Edge Telecom Pvt. Ltd., Gurgaon, Haryana as Transmission Engineer – Telecom**

### Highlights:

- I&C and ATP of 1830 PSS 32 & PSS 4 (DWDM 100G) Alcatel lucent make for Reliance Jio
- I&C and ATP of 1626LM (DWDM 10G) Alcatel lucent make for Bharti Airtel & TATA

## Awards & Honors

- Awarded with BRAVO and KING of Quarter in 2018 and 2017 respectively
- Won 1st prize in District Chess Champ Gurgaon in 2006
- Got 2nd prize for Cricket in All India Inter Air Force Meet, 2007

## Certifications

- SAA-C02 : AWS Certified Solutions Architect Associate in March 2021
- AZ-900 : Microsoft Certified : Azure Fundamentals (AZ-900) Microsoft in November 2020

## Education

- B.Tech. in ECE from Maharishi Dayanand University, Rohtak in 2013 with 68% aggregate
- 12<sup>th</sup> from DAV Public School (affiliated to CBSE Board), Panipat, Haryana in 2009 with 65% aggregate
- 10<sup>th</sup> from Air Force School (affiliated to CBSE Board), Gurgaon, Haryana in 2007 with 62% aggregate

## IT Skills

- **Scripting Languages:** Shell and Python
- **OS:** Linux, Unix and Windows
- **Cloud:** AWS and Azure
- **Build and Deploy (CI/CD):** Jenkins
- **Configuration Tools:** Ansible and Chef
- **Version Control:** Git
- **Orchestration:** Kubernetes
- **Containerization:** Docker
- **Virtualization:** VMware
- **IaC Tool:** Terraform
- **Other Tools/Technologies:** Redis Sentinel, SOLR, Autosys, Agile and Jira
- **AWS Service:** EC2, Lambda, VPC, Route 53, EKS, ECS, Fargate and S3
- **Azure Service:** Azure DevOps (Board, Pipeline, Repo, Artifacts), VNet, SG and AKS
- **DBMS:** MySQL, Percona XtraDB Cluster
- **Encryption at Rest Tool:** Vormetric Key Encryption and AWS KMS
- **Secure SFTP Tool:** Goanywhere

## Personal Details

**Date of Birth:** 5<sup>th</sup> January 1992 || **Languages Known:** English and Hindi

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