

# ASHISH KUMAR

#479, BOMMANAHALLI, BANGALORE-560068

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## Professional Summary

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- Professional with 6+ years of experience in IT industry. A strong technical expertise in **complete DevOps/DevSecOps lifecycle management** covering all aspects of CI/CD over **on-premises, AWS and Azure**.
- 4 Years of hands on experience in Amazon Web Services including **EC2, VPC, S3, EBS, ELB, Cloud-Front, IAM, RDS, Cloud Watch**.
- 2 Years of strong experience of Object Oriented programming languages **Java with SOAP and RESTful Web Services development**.
- Hands on experience of **BASH Shell scripting** on Linux environment with **Amazon AWS CLI**.
- Knowledge of automation/configuration management using **Ansible**.
- Good understanding of networking concepts including **TCP, VPN, VPC, NAT, Bastion Host, Subnet, DNS, Gateways and Routers**.
- Excellent knowledge of source control management concepts such as Branching, Merging, Labelling/Tagging and Integration, with tool like **GIT/SVN**.
- Good knowledge of full Software Development Life Cycle (SDLC) stages in a **Waterfall and Agile environment**.
- Good at **Relational database design**, stored procedure, triggers, user-defined functions, **SQL** jobs.
- I am self-motivated, team oriented professional who can work independently, also I am confident of my ability to quickly learn and implement modern technologies in no time.

## Skill Highlights

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- Kubernetes, Docker, cri-o, Ansible
- Python, Shell scripting
- SVN, GIT, Jenkins, Maven, Sonar
- OpenShift Container Platform
- Tomcat, Nginx, Fuse
- Linux/Ubuntu and Windows
- AWS, Azure, Terraform, Terragrunt
- ELK, Prometheus, Grafana
- Java, HTML, CSS, JavaScript, Angular
- Sys-Log Solution
- Jfrog Artifactory, X-ray, Pipeline
- Agile and Scrum
- Notary, Anchore, SYNK, OWASP ZAP
- Team building and mentoring

## Experience

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**Lead Consultant** – April 2021 to Present

**Genpact, Bangalore, India**

- Responsible for complete end-to-end Solution for DevSecOps pipeline including Notary, SAST and DAST tools.
- Creation and maintenance of Artifactory, x-ray and pipeline.
- Developing automation tool to manage day to day task using Angular, NodeJS and shell.
- Creating DevOps and DevSecOps solution on Azure and AWS.

- Automating patching of servers using Ansible tower and Ansible pipeline.
- Creation, management and backup of Jenkins.
- REST APIs were used to PUT, ADD and DELETE operation and APIs were deployed on Amazon web services.
- Working with Custom CloudWatch log and events.
- Integration of S3, SNS and AWS Lambda.

### **Senior Associate Consultant – June 2019 to April 2021**

#### **Infosys, Bangalore, India**

- Responsible for complete end-to-end migration from vanilla Kubernetes to RedHat OpenShift
- Creation and maintenance of Java CI-CD workflow
- Kubernetes Cluster Implementation and administration
- Responsible for Docker private registry managements on all environments
- Design & Implementation of Application Logging solution using ELK on PROD cluster
- Accountable for Prod App & Infra monitoring using Prometheus/Grafana
- Tomcat tuning to improve application response time & performance improvement
- Responsible for entire DR Cluster Setup and maintenance since inception
- Articulation of the Project Delivery Workflow Design by Strategy Planning
- In depth knowledge of AWS services
- Scripting - Prior experience in developing Cloud Formation Scripts for AWS Orchestration
- Hands on experience in AWS provisioning
- Ability to design high availability applications on AWS across availability zones and availability regions
- Ability to design applications on AWS taking advantage of disaster recovery design guidelines
- Prior experience in automated build pipeline, continuous integration and continuous deployment
- Knowledge of monitoring, logging and cost management tools that integrate with AWS
- Experience in AWS Networking – Direct Connect/VPC, NACL's, security groups, etc.,
- Ability to work closely with business to understand and incorporate nonfunctional requirements in the application architecture

### **Web Developer – Oct 2015 to June 2019**

#### **Indegene, Bangalore, India**

- Creation of CI-CD workflow for pharmaceutical products
- Creation of automated Kubernetes deployment with Ansible playbook
- Responsible for Infra monitoring and maintenance using CA Tools
- UI deployment dashboard creation to improve the efficiency of delivery
- Migration of monolithic applications to microservices
- Adaption and Implementation of DevOps tools for migrated microservices
- Pipeline creation and maintenance on Jenkins
- GIT integration into DevOps pipeline
- Infra management with Ansible

## Certifications

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- AWS Certified Developer: **Associate**
- Microsoft Certified: **Azure Fundamentals**
- Microsoft Certified: **Azure Developer Associate**
- Microsoft Certified: **Azure Security Engineer Associate**
- Certified by Fortinet for **Network Security Associate**
- Certified by Oracle for **Java EE Under Work Force Development**
- Certified by Internet Academy for **Web development**

## Education

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Bachelor of Engineering: **Information science and Engineering – 2015**

Marks: **61.07%**

**VTU, Belgaum, Karnataka**

Intermediate (12<sup>th</sup>): **Science and Math – 2011**

Marks: **68%**

**Marwari College, Bhagalpur, Bihar**

Matriculation (10<sup>th</sup>): **General Subjects – 2009**

Marks: **73.4%**

**High School, Mahadeopur, Bihar**

## Personal Details

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**Date of Birth:** 31<sup>st</sup> Dec 1991

**Language Known:** Hindi, English

**Permanent Address:** Vill-Kashpur, Po- Mahadeopur, Ps-Amarpur, Dist- Banka, Bihar-813101

## Vision

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Initiative-taking, Innovative and Target oriented and have always innovated to achieve goals rather than just working hard. Consistent in performance, analytical skill and lead value-based life.

## Declaration

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I hereby declare that the above-mentioned information is correct up to my knowledge.

**Place:** Bengaluru

**Ashish Kumar**

**Date:**