

SOMBIR SINGH

A-12, Sector 16, Noida

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PROFESSIONAL SUMMARY

12+ years' experience in Devops/Cloud/IOT/Kubernetes-Docker/IaaS/PaaS

CI-CD/Middleware/JAVA Development/Agile methodologies

Devops Tools: Azure Devops, AWS Devops, Kubernetes, Terraform, Ansible, Docker, Jenkins, Gitlab, Git, JIRA, Artifactory, CI/CD, Microservices containerisation using Kubernetes, Helm, EKS, AKS, GKE, Prometheus, Grafana

Cloud: AWS, Azure, GCP, OCI, IaaS, SaaS, PaaS

Agile methodologies: Azure Boards, JIRA, Confluence, Kanban, Lean, Scrum

Build Automation Tools: ANT, Maven, Artifactory, Jenkins, Gitlab

Middleware: WebSphere, JBoss, Tomcat, Microservices, Nginx, Apache

Exposure of working with overseas (AT&T, T-Mobile, PWC, Xerox, State Street, Tracfone) and domestic clients (Airtel, Aircel, Max, Snapdeal) in Finance, Ecommerce and Telecom domains

SKILLS

Cloud	Devops	Build & Release	Databases
AWS	Jenkins	ANT	postgres
Azure	Ansible	Maven	Oracle
GCP	GITLAB	Jenkins	mysql
OCI	Docker	Artifactory	RDS
EKS	Kubernetes	ITIL, Prod Support, Leadership	
Terraform	Microservices	CI/CD, Disaster Recovery, Python	
Operating Systems		Middleware Administration	
Linux, AIX, Solaris, Windows		WebSphere	Appdynamics
Programming		JBoss	ELK
GO, Python, YAML, Core java, Shell		Tomcat	Kafka
scripting, SQL		Apache	Nginx

CERTIFICATIONS

- Microsoft Certified: Azure DevOps Engineer Expert (Score: 82%)
- Aviatrix Certified Engineer - Multi-Cloud Network Associate
- Oracle Cloud Infrastructure Foundations 2020 Associate (Score: 100%)
- Oracle Cloud Infrastructure Developer 2020 Associate (Score: 82%)
- Oracle Cloud Infrastructure 2019 Architect Associate (Score: 94%)

- Oracle Cloud Infrastructure 2019 Architect Professional (Score: 82%)
 - HashiCorp Certified Terraform Associate
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WORK HISTORY

Aug,2018-Nov 2020 **Devops Architect- Devops & Agile COE**

Ericsson Global India Ltd

- Worked in IOT(Ericsson DDS) and Devops domains implementing Agile methodologies for world's largest Telecom client AT&T.
- Handling Lab, Test, Staging and Production k8s Deployments and issues
- worked on AWS Devops, Azure Devops, Terraform, Kubernetes, Helm chart, Docker, Ansible, Jenkins, Gitlab, Artifactory, JIRA and Python
- Enabled Monitoring for Kubernetes Cluster With Prometheus and Grafana
- Creating Proposals for customers like BT, Telstra, T-Mobile to onboard on Devops and Agile for complete digital transformation
- Set up Kubernetes 1.17 cluster using Amazon EKS and Kubeadm for Staging and Test Environments, Created Deployments, configmaps, Services
- Worked on strategic Ericsson Rosetta Platform development on Azure cluster using Golang and Python and integrated various devops tools.

Apr,2017 -April,2018 **Associate Manager- Devops & Cloud COE**

Valuelabs India LLP(ROC:Project taken over by another vendor)

- Working out which IT products to use based on cost benefit analysis and research
- Implemented Devops culture and practices using Ansible, Docker, Kubernetes, Jenkins CI/CD pipelines, Gitlab and automated deployments in AWS cloud and on-premises servers using Terraform and Ansible
- Defined cloud architecture, design and implementation plans for hosting complex application workloads on Azure and AWS
- Provisioned and managed Google cloud Kubernetes 8 node cluster using Terraform
- Automated 60% of Applications deployments/routine tasks using shell scripts, Ansible and Jenkins
- Created Terraform templates, kubernetes cluster for microservices, dockerfiles
- Conducted training sessions on Devops, cloud and Middleware within company

March,2016 -march,2017 **Technical Specialist**

IBM INDIA Private Limited

- Worked on Amazon Web Services (EC2, ELB, VPC, S3, Cloud Front, IAM, RDS, Route 53, Cloud Watch, SNS, VPN, EKS etc.)

- Created complex Jenkin jobs, Ansible playbooks, docker swarm, Integrated various Version control tools, build tools, Artifactory and deployment methodologies with Jenkins to create end to end orchestration build cycles
- Worked on Dockerfile, Images and containerization using Docker Swarm
- Achieved 30% reduction in code releases by implementing Ansible playbooks for deployment/configuration management
- Implemented Autoscaling, coordination and managed multiple releases, identifying and resolving environment and deployment dependencies

2014 - 2016

Associate Technical Consultant

WIPRO Infotech

- DevOps Engineer in a 24x7 uptime Amazon AWS environment, including automation experience with configuration management tools
- Investigated JVM Thread dumps, Heap dumps, OOM, GC tuning, Server hangs, Deadlocks and achieved 35% incidents reduction
- Worked in all areas of Jenkins: setting up CI for new branches, build automation, plugin management, securing Jenkins and setting up master/slave configurations.
- Implemented automation process for builds and deployments
- Installed EARs, WARs and configured application specific JVM settings, Web container parameters manually and using Ansible
- Configured JVM Clusters (using Vertical and Horizontal Scaling) in order to prevent a single point of failure.
- Leading a small team of Deployment and Build Engineers

2012 - 2014

Senior Middleware Administrator

IBM INDIA Private Limited

- Administration of Websphere Application server, Tomcat, JBoss and handled Disaster recovery Drills.
- Managed and Monitored JVM performance, Troubleshooting, RCA for Sev 1 issues
- Developed scripts (start, stop, backup & recovery processes) for web application server administration and BAU Automation
- Involved in 24/7 support for production environments

2010 - 2012

Software Development Engineer

Birlasoft India Pvt Ltd

- Developed UNIX shell/Jython scripts to automate recycling of application servers, deploying applications, logs rotation, monitoring applications
- Provided Java Code enhancement & Production Support to overseas clients

2007 - 2010 **Regular BTech: 2007-2010 (under Lateral Entry scheme) from MAIT (IP University, Delhi)**

2005 - 2007

Java Developer

Avery India Ltd

- Developed critical applications in core java, JSP and servlets
 - Systems administration and providing support for production and development systems.
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EDUCATION

2010

BTech: Computer Science: 72 % (Regular)

Maharaja Agrasen Institute of Technology (MAIT) - Delhi

Computer Science,MAIT,IP University,Delhi

2005

Polytechnic Diploma: Electronics and communication Engineering

PDM Polytechnic - Bahadurgarh, HR: 71 % (Regular)

LANGUAGES

Hindi, English

ADDITIONAL INFORMATION

There is no gap in Education or Experience.After working for 2 years post Diploma, Enrolled in Regular BTech in Lateral entry scheme (2007-2010)

PERSONAL INFORMATION

Date of Birth: 30th NOV 1984

Aadhar:7951 3480 2604

PAN: DBMPS6491B