Varun Dua

DevOps Engineer

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Summary

10 + years experienced DevOps engineer with a demonstrated history of working in the information technology and services industry. Skilled in Cloud based technology Azure, AWS, GCP, Networking, Identity & Access Management (IAM), Continuous Integration and Continuous Delivery (CI/CD), containerisation, database administration and configuration management tools.

Technical Skills

- **Languages**: Shell scripting, Maven, Python, SQL
- **Version Control**: GitLab, GitHub
- **Automation/Build**: Jenkins, Docker, Ansible
- **App/Web Servers**: Tomcat, Apache
- **Databases**: Oracle, MySQL, Postgres
- **Virtualization**: VMWare ESXi, Docker, Kubernetes, Amazon AWS, Azure, GCP
- **Platforms**: Linux, Windows
- **Networking**: CCNA
- **Big Data**: Hortonworks data platform (HDP), Cloudera Distribution for Hadoop (CDH), MapReduce, HDFS, YARN, Hive, Spark
- **Job Scheduler**: Airflow, Cron

Career Profile

HCL Technologies   June '17 - Present

Technical Lead

Tools and Technologies: Azure, AWS, GCP Cloud, Linux, Windows, Jenkins, Azure DevOps, Git, GitLab, Docker, Kubernetes, Nagios, Ansible, Airflow, ARM Template, Terraform, MySQL, Postgres, Oracle

Key responsibilities and Achievements:

- Working in D&A division of HCL Technologies.
- Managing 50+ **Linux** servers & component provisioning. Also handling configuration & deployment of infrastructure services.
- Working with **Azure** and **AWS Cloud** to providing solutions to various teams in each environment dev, qa and prod.
- Deployed Java applications/Web-services using CI/CD tools like **Jenkins, Azure DevOps, Gitlab CI** in standalone and clustered environments.
- Experience in automating, building, deploying, and releasing of code from one environment to another environment.
- Setup code repositories like **GIT** and deployed Jenkins in configuration environment.
- Managing repositories on **Git**, **GitLab** creating repositories and providing permissions.
- Orchestrated **Docker container** cluster using Kubernetes.
- Setup **Nagios** server & installed Nagios Plugin on each running host machine as a client.
- Constantly monitored the uptime of the infrastructure using the status of all components sent by the Nagios client and Grafana Alerts.
- Setting up alerts in Azure monitor and configure automation runbook based on metric.
- Creating **Ansible** playbooks to automate configuration of Linux servers.
- Experience in setting up Azure active directory and DNS.
- Creating Express routes between on-premises and Azure gateway.
- Securing Azure instances using vnets and **network security group**.
- Automation of creation of Azure Objects (VM, Storage accounts, Vnets, Subnets etc) using **ARM template**, **Power Shell** and azure cli.
- Utilize and integrate ADLS, Azure Storage, ADB and resource groups, S3, AWS CloudFront, IAM.
- Experience in installing, configuring, and leveraging the Hadoop ecosystem.
- Managing workflow and scheduling tasks using **Apache Airflow**.

Orange business Services   **July '12 - June '17**

Cloud specialist

Key responsibilities and Achievements

- Experience in installation and configuration of vSphere 5.0/5.1, and **vSphere** 5.5 products.
- Implementation and configuration of new **ESXi servers** and clusters.
- Knowledge and implementation on High Availability (HA) Services within VMware HA Cluster, and resource optimization using VMware Distributed Resource Scheduler (DRS) and Fault Tolerance.
- Configured and deployed Cisco computing clusters with VMware ESXi 5.5 and **vCenter 5.5**.
- Experience with Windows Server 2008/2012, Microsoft Active Directory, DNS, DHCP, Routing and Remote Access.
- Installation of vCenter server and its components.
- Creating and managing Virtual Machines and Templates, worked with clones and snapshots of Virtual Machines.

Ericsson India Global Services Pvt. Ltd.   **April '11 - June '12**

First Level Assurance engineer

Key responsibilities and Achievements

- Solution Development of **Performance Reports** for vendors using SQL queries, Shell scripting, Perl scripting aside optimizes KPI performance into consideration, Server Administration.
- Generating reports for RF, Core, IN, MMSC, MSP, ADC, LBS and all other types of VAS nodes of **GSM network**.
- Resolve and track issues related to **OSS, Scripts, BO XI templates** etc. and make required value additions and changes whenever required as per customer requests.
- Worked on Ericsson network intelligent quotient (ENIQ) server. One of the most powerful tools of Ericsson which calculates the KPI's on the base of raw data of many nodes.

Alcatel Lucent   **Aug '10 - Jan '11**

Field engineer

Key responsibilities and Achievements

- Worked as Engineer-**Field Operations** in O&M Department.
- Aligned in 3G Project of Bharti Telemedia Limited.
- Involved in various field operations for supervision and installation of SDH Equipment of ECI Tele.
- Worked on MUX of ECI Tele of XDM series and BG series.
- Troubleshooting Equipment and resolution of fault in desired SLA.

Education

- B.E. (Electronics & Communication) from D.A.V College of Engg. And Technology, Haryana (MDU University) with 71%.

Certifications

- Az-400 Designing and Implementing Microsoft DevOps Solutions
- Microsoft Certified DevOps Engineer Expert
- Az-103 Microsoft Certified Azure Administrator Associate
- Az-300 Microsoft Azure Architect Technologies

Personal Details

Name	: Varun Dua
Father's Name	: Late Mr Vinod Dua
Linguistic Abilities	: English and Hindi
Nationality	: Indian