**GAURAV KAUSHIK**

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**GCP, Terraform, Git, Kubernetes, Docker, Helm SQL server DBA** with **Twelve** Years of **IT** Experience.

**Technical SKILLS**

* Google cloud.
* Kubernetes.
* Helm.
* Terraform.
* Docker
* Git
* Jenkins.
* Linux
* MS SQL DBA.

**Education/Certifications**

* **B.E from PDMCE in INFORMATION TECHNOLOGY in 2008.**
* **12th from CBSE Board in 2004.**
* **10th from CBSE Board in 2002.**

**SYSTEM EXPERIENCE & PROFICIENCIES**

|  |  |
| --- | --- |
| Cloud | GCP. |
| Devops/Open source | Terraform, Kubernetes, Git, Jenkins, Docker, CI/CD (Cloud Build) |
| Monitoring tools | Prometheus, Grafana |
| Package manager | Helm |
| Databases | MS SQL Server 2008R2/12/14 Database Administration |
| Operating Systems | Windows Server 2008/12, Linux |
| Ticketing Tools | ITSM, JIRA |

**Ericsson Global India private limited.**

**October 2019 till present**

**Role**- Software developer

**Job Responsibilities:**

* Implement service improvements time to time to reduce the cost and efforts.
* Ability to capture the entire infrastructure as a code.
* Writing terraforms scripts for provisioning as per the user request.
* Ability to write and manage Helm Deployments
* Configure Docker, Kubernetes and GKE with autoscaling features on.
* Ability to monitor the servers and VM’s through Prometheus and Grafana.
* Knowledge in GCE, GKE, GCS, VPC and GCP database services.
* Knowledge in setting up a GCP environment.
* Planning and configuring a google cloud solution.
* Deploying and implementing the google cloud solution.
* Configure CI/CD through Cloud build.

**SQL DBA and System Architect**

**March 2012 -October 2018**

**Responsibilities:**

* Handling the Vertical and Horizontal scaling of the servers as need for the compute grows.
* Doing the cost optimization in the Hardware by choosing the right method.
* Having done POC in cassandra database.
* Responsible for deploying, automating, maintaining, and improving the system to keep the system running perfectly.
* Resolving critical issues with proper analysis and share the root cause analysis with permanent fix.
* Managing SQL server in (Production/Test/Dev/UAT).
* Doing the Hardware dimensioning and capacity planning.
* Understanding of windows administration to manage the databases independently.
* Working on Performance Tuning & Optimization issues like troubleshooting performance issues and fine-tuning queries and stored procedures.
* Strong hardware and software trouble-shooting skills.
* Managing configuration and optimization of **100TB size of database.**
* Backup/restore and disaster recovery plans for production servers.
* Leads and coordinates with other technicians in pursuit of an instance of technical activity (e.g. a change, resolution of a problem)
* To identify process improvement opportunities and devising plans to improve overall process performance.
* Service delivery of the projects works closely with the other functional areas like Program Management, Development, Quality, Training to ensure smooth operation & service delivery which ranges from client set SLA's to productivity.
* Identify potential issues that may arise in the performance matrix of a process & tackle the same on a proactive basis.

**Worked as an ESPA Administrator.**

**December 2010- March 2012**

**Responsibilities:**

* Monitoring the SQL servers and take necessary steps to resolve the issue.
* Working the Developers to check the optimization in Code.
* Reduced the T-SQL overhead successfully by avoiding unnecessary use statements.
* Maintain Operators, Categories, Alerts, Notifications, Jobs, Job Steps, and Schedules. Monitor connections, locks, and performance of SQL server.
* Working 24\*7, Doing the health check of the system and Tool.

**September 2008 –December 2010**

**PEARL HONDA Gurgaon as an EDP ENGINEER.**

**Responsibilities:**

* Configured and installed SQL Server 2008 on Windows 2003 Server.
* Installing he Active directory and join the worked nodes with the server.
* **Handling hardware’s of Multiple sites.**
* **Maintain the daily backup and storing them.**

**Achievements**

* **Reduce the hardware by 30% after optimization of the databases.**
* **Got president, rock star and power awards.**