**Kamaljeet Kaur Saini**

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*Great experience in Cloud/ DevOps Engineer, responsible for developing and maintaining automated CI/CD release and deployment pipeline which supports platform automation and self-service offerings*

**Certifications**

* Google Certified Professional Cloud DevOps Engineer
* Google Certified Professional Cloud Architect
* Google Certified Associate Cloud Engineer

**Software Engineer at Helishores Inc./ CVS Health Buffalo Grove, IL (Since Dec 2021)**

I am working in Digital Cloud deployment and Production support, release of different services (COVID test kits, Immunization, Caremark, Minute Clinic, etc., under pharmacy, retail, specialty projects of CVS Health on Google Cloud Platform (GCP).

**Here below are my responsibilities:**

* Installing & upgrading K8s clusters (including worker nodes), implementing autoscaling for nodes, creating Kubernetes services (Cluster IP, Node Port & Load Balancer), using horizontal pod autoscaling and troubleshooting issues both at application & cluster level.
* CI/CD pipeline triggers with Cloud Source Repositories, Jenkins/Cloud Build, GitHub App, Cloud Pub/Sub.
* Deployment strategies with Cloud Build
* Investigate issues via Splunk (write common queries), Mitigate incident symptoms impacting users
* Responsible for supporting CVS Digital Application - Provide solutions to the Real time Issues and Incidents.
* Responsible for root cause analysis for major incidents reported.
* Handle project related escalations and work out solutions for issues reported by user.
* Modify software applications/programs to improve performance
  + Immutable artifacts with Container Registry
  + CI/CD pipeline triggers with Cloud Source Repositories, Jenkins/Cloud Build GitHub App, Cloud Pub/Sub.
  + Manage infrastructure as code in different development environments (e.g., staging, production).
  + Knowledge in branching, tagging, committing, maintaining the versions across different Source Code Management (SCM) tools like **GIT** and SCM client tools like **GitLab**, **GitHub**, **GitGUI**.
  + Secure the deployment pipeline using Vulnerability analysis with Container Registry, Bitnami secrets, IAM policies per environment.
  + Responsible for deployment of **Nodejs /Springboot** applications on GCP and resolve issues with deployments (e.g., Cloud Run, Jenkins, Argo CD)
  + Involved in patching/deployment of services on **Nodejs/Kubernetes/Redis** server on OnPrem.
  + Hands on experience on using RDBMS and / or No SQL Databases.
  + Terraform for building, changing, and versioning infrastructure safely and efficiently.
* Google Kubernetes Engine, for **Orchestrating** and deploying the services related to the **Containers** using **Docker**, working with **Docker images, Docker hub.**
* Compute engine - Provisioning computeinstances with **Auto scaling groups, Load Balancers** in a newly defined **VPC** and set up a **GCP** Firewall rules in order to allow or deny traffic to and from the **VM's** instances based on specified configuration
* Storage- Knowledge of buckets and storing data across different storage classes without sacrificing performance and interaction with Cloud Storage
* Responsible to store secrets in **Vault, Secret manager** in GCP.
* Operations suite - Implementing and managing Cloud Logging and Monitoring platform, debugging application code and optimizing service performance using Debugger, Trace, Error reporting and Profiler.
* GCP based security hardening including IAM, ACL, firewall rules, Customer managed encryption keys etc.

**IT Analyst at AdyaTech, Delhi, India** (May 2009 – April 2015)

* Building web user interface (UI) using HTML, DHTML, CSS, Java, RWD, JSP, Javascript, DOM, Jquery and Ajax that follows W3cCweb standards and are browser compatible.
* Used mvn commands to compile the application, build war, deploy on the server, start server.
* Developing the server side using java and front end with Java scripting, HTML.
* Exposure to creating SPA using ReactJS, by using the concept of virtual dom.
* Implemented xml parsing &json parsing for data handling on a different application.
* Regular interaction of Restful API design calls to populate the UI on the app using get, put, post and delete.
* Used Ajax framework for asynchronous data transfer between the browser and the server.
* Developed XML web services for customer project.
* Perform configuration of Router, Switch and troubleshooting
* Developed unit tests for various changes using JUnit.
* Manage IT support specialist to provide user-level support, including software installation, account management, system configuration, etc.
* Secures network by developing network access, monitoring, control, evaluation troubleshooting.

**System Analyst at Flextronics, Zhuhai, China** (June 2006 to Jan 2009)

###### MES IT Support in Manufacturing plant. Dry Runs and Software Validation

###### MES system integration with other external systems i.e., Machine Integrator, PLC, OPC

###### Implementing/Upgrading MES system on the floor. Installing software upgrades, and patches for MES systems.

* Writing the **SQL scripts** to create and maintain the database, roles, users, tables in **SQL Server**.
* Designed and implemented the **UI** using **HTML, JSP, Java Script** and **Java**.

###### Responsible of implementing COTS and in-house developed MES product for high technology and industrial clients like (3COM, PALM, Sony Ericsson, Motorola, DELL, X-BOX, HP, etc.)

###### Coordinating with different teams like ERP, IMS and Middleware in case of data fix.

* Products: Data-sweep, SIMATIC IT MES Suite for SMT and Flex Flow In-House home grown MES system.
* Support plant network install, cabling and headend connectivity

**Executive Engineer at Indian Telecomm Industries (I.T.I) Limited** (July 1998 to Dec 2004)

ITI is a leading Telecom company manufacturing the entire range of telecom equipment which include Telephones, Large digital switches, Transmission systems - Digital Microwave, Fiber Optic systems and Satellite Communication systems.

* Production Planning, Completion of Production Targets, Integration, Testing and debugging of Cor-DECT system.
* Leads production team on fulfillment of objectives as set, eg. productivity, efficiency, quality, and other management goals are met with support from other resource as needed.
* Testing and debugging of SMPS cards & modules of 1400W/5600W.
* Participated in Production Qualifying Test (PQT) of modules, conducted by Telecom Engineering Centre.
* Development of High Voltage Disconnector (HVD) & Surge Arrester.
* Indigenization & cost reduction of SMPS modules through design modification. Monitoring the progress of design activities and coordination of prototyping.
* Training and motivate production team, ensured their work completed timely and accurately.

**EDUCATIONALQUALIFICATION:**

* **B.E. (Electronics & Telecommunication ENGG.)**

(Maulana Azad College of Technology REC, Madhya Pradesh, India.)

* **DIPLOMA In Electronics & Telecommunication**

(Govt. Women’s Polytechnic, Bhopal, MP, India

**SKILLS**

* **Web Development:**HTML5, CSS, SASS, JavaScript,
* **JavaScript Libraries**JQuery, React.js, Angular.js, Node.js, Bootstrap.
* **Database:**MySQL, MSSQL, PLSQL, MongoDB.
* **Operating System:**Windows, Linux, Unix.
* **IDEs worked on:**Notepad++, Eclipse, Visual Studio.
* **Application Servers:**Apache Tomcat, Web Logic, Web Sphere.