# **Ch. Sai Kiran**

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# **Career Objective:**

To pursue a position to utilize my skills and abilities in an organization that offers ample opportunities to grow technically while being innovative, resourceful and flexible a long term career in a healthy work-environment organization, where I am looking for a quality assurance work, challenging to my skills & experience and scope for learning as well as enhancing skill to move upward.

**Career Summary:**

* Support for production servers, systems analysis & trouble shooting, job scheduling & monitoring, and Remote server administration at production environment
* Hands on experience on 24 x 7 server side production and operations support

**Work Experience:**

* Working as a ‘**DevOps’** Engineer in **CGI GROUP Bangalore** from 2014 to till date.

EDUCATION DETAILS:

Bachelor of Technology in **Electrical and Electronics** from **Sri Kalahasteeswara** **institute of Technology** in 2014.

**Academic Projects**

**Title**  : **Online Feedback System**

**Team size** : **2**

**Role**  : **Team Leader**

**Technology** : **JSP, SERVELTS, J2EE, JAVASCRIPT & MYSQL**

**Description** : This project investigates feedback of each Professor in the college and it allows Professors to view their feedback, and it allows administrators to view feedback of all Professors. It uses **online** **Feedback Form** to get feedback from the students for each Professor, the form contains **10 Questions** and **Comments Box**, and then it generates the **Grade** and displays the **Grade** and **Comments** of each Professor.

**Key skills:**

**Chef:-**

* Installed and configured Chef and developed recipes for automated infrastructure deployment of applications.
* Requirement collection from various team and provide the efficient solution for the problem.
* Worked across Recipes and Cookbooks for OS and Applications – explored community cookbooks and extended/modified for specific needs.
* Cross platform testing of Recipes to verify compatibility across various environments.
* EC2 servers provisioning by using knife ec2 plugin
* Performing backup and restore operations by using knife-backup
* Configuration of self-singed certificates for chef servers.
* Automated provisioning of cloud infrastructure with Opscode Chef, knife.
* Auto-provision resources to meet user demands, with the OpsCode Chef.

**Docker:-**

* Infrastructure Virtualization and app isolation using Docker.
* Docker images for app isolation, reducing the time between provisioning and deployment from over 8 hours to less than 10 minutes.
* Configured docker setup for internal POC.
* Creating and managing containers.

**AWS:-**

* Fundamental knowledge of the AWS cloud computing platform with different component and services.
* Launching and configuring of Amazon EC2 Cloud Servers using AMI’s (Linux/Centos) and configuring the servers for specified applications.
* Configuring security groups and grouping the servers depending on the applications. Enabling and disabling of inbound and outbound ports of security groups using AWS GUI and CLI tools
* Taking backup of EBS volume.
* Implemented Auto Scaling using custom based AMI on Centos/Red hat.

TECHNICAL SKILLS

|  |  |
| --- | --- |
| Operating System | Linux, Windows |
| Cloud Service | Amazon Web Services |
| Database | Oracle 10g, 11g |
| Tools | Chef, Puppet, Jenkins, Vagrant, Docker |
| Version Control Tool | GIT |
| Build software | Ant, Maven |
| CI Tool | Jenkins |
| IT Automation | Chef, Puppet |
| Application server | Apache Tomcat |
| Virtualization | Vagrant, Docker |
| Scripting Languages | Shell scripting, Ruby |
| Monitoring Tool | Nagios |
| AWS Services | IAM, S3, EC2, VPC, Route 53, |

**Key Skills**

* + - Quick Learner &Capability to adapt to new tools and technologies.
    - Positive thinking& Hard Worker.
    - Ability to take up responsibilities.

**Declaration**

* I hereby declare that the information furnished above is true to the best of my knowledge.

Date: Yours Faithfully

Place: (ch.saikiran)