**RESUME**

**Ramandeep Singh Bagga** Mobile: +919739368644

Bangalore – 560077 E-mail: deep92raman@gmail.com

**Objective:**

Devops Engineer, want to contribute to a leading corporate organization with the best of my abilities, to achieve organizational goals and self-development and willing to work as a key player in a challenging & creative environment.

**Experience Summary:**

* Having 2.2 Years of IT experience in Python and AWS on Linux and Windows environment.
* Good experience in writing Python Scripts to automate repetitive tasks.
* Executing change management activities supporting production deployment to Developers.
* Experience in building complex CI/CD Platform to build, test, deploy and release software product- most of that in a cloud environment.
* Sound knowledge of software development life cycle and agile development practices.
* Experience in Unit & integration testing and Identifying in driving the CSI and automation initiatives.
* Good knowledge of AWS services EC2, S3, VPC, Cloud Watch using templets, IAM, Route Tables, Cloud Formation, Lambda, Code deploy, Code build.
* Strong Experience in monitoring, logging and cost management tools.
* Experience with source control revision tools - GIT (preferred)
* Design, build and maintain the CI/CD infrastructure and tools.
* Involve in Developing code for intermediate to complex modules, following documentation and development standards
* Basic Understanding of containers and container management frameworks (Docker, Kubernetes) and NoSQL databases.
* Experience in Managing the data using various Linux shell scripts along with few basic DBA activities.
* Good Working Knowledge in Updating firmware (software), patching using YUM, used configuration.
* Participating in regular and weekly project status meeting with team members.
* Self-motivated individual and a good team player with good analytical skills.

**Professional Qualification:**

**Project 2: Comcast-BSD-OpsSup\_L2BSD**

* **Client: Comcast Pvt. Ltd.**
* **Duration**: 3/5/2017 – Till Date
* **Type:** Tier -2

**Roles and Responsibilities:**

* Wrote Python scripts to automatically fetch server list for patching activity, saving 30% time.
* Providing code fixes for issues faced during various stages of data input, output, performance tuning and L2-L3 on call activities.
* Set-up and configure AWS services to best practices.
* Work on a wide range of innovative AWS use cases.
* Design and Develop the test automation to validate the builds in the CI/CD pipeline.
* Work closely with Developers, QA and Cloud Operations to develop and maintain the Cloud Supply Chain frameworks, technologies and feedback tools.
* Ensure that each phase of the Cloud Supply Chain from product management, through development, QA, Staging and into Production is fully automated.
* Create and modify scripts for the automation of the AWS platform (Infrastructure as Code).
* Integrated Jenkins with Python for creating Jobs for patching activities.
* Jenkins (Job and user) configuration.
* Design and develop test plans and test cases based upon performance requirements and design specifications.
* Responsible for provisioning, autoscaling, load monitoring, cloud monitoring, alarms and performance testing.
* Worked with release and QA automation.
* Code refactoring and migration using Python.
* Assisted with refining the Software Development Life Cycle to fit system needs.
* Used Puppet to boost quality, slashing customer complaints by 50%.
* Managed 200+ Windows 2008 servers and Linux servers

**Project 1: Comcast-BSD-OpsSup\_L1BSD**

* **Client: Comcast Pvt. Ltd.**
* **Duration**: 17/11/2016 – 30/04/2017
* **Type:** Tier -1

**Roles and Responsibilities:**

* Updating firmware (software), patching using YUM, used configuration management tools such as Puppet. Volume, user, file management. (Create user, password, grant permission, create volume, mount and unmounts), extending root volume and file system.
* Responsible for maintaining and managing OS Installation, System Recovery Management.
* Managing the data using various Linux shell scripts along with few basic DBA activities.
* Responsible for Cluster Management and Troubleshooting, Service pack updates, Login Scripts.
* Handling swap space full situation (Redhat, Centos).
* Build and manage VM’s.

**Technical Skills:**

* Linux-managed 100+Linux servers
* Jenkins-Used Jenkins to cut release times by 20%.
* Python-Wrote scripts to automate patching and other repetitive tasks.
* AWS
* DBA-Used SSMS to take back up and do fail overs or check the job activity and error logs using the Sql Server Agent
* Domain Experience: Comms Media

**Academic Qualification:**

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| --- | --- |
| **Graduation** | B-Tech (Mechanical) from Lovely Professional University with 60% (2015) |
| **Higher Secondary** | PCM discipline with 70 %marks (2011) |
| **Matriculation** | Science discipline with 75 % marks(2008) |

**Personal Profile:**

**Full Name :** Ramandeep Singh Bagga

**Gender :** Male

**Languages Known :** English, Hindi, and Punjabi

**Marital Status :** Single

**Declaration:**

I hereby declare that all the above-furnished information is true and correct to the best of my knowledge and I bear the responsibility for the correctness of the above-mentioned.

(**Ramandeep**)