Angad Deep Singh

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**Profile Summary**

* Multi-certified (AWS SA, RHCSA, RHCE, AIX), result oriented **Cloud /** **Server Administrator** with strong experience managing server / cloud infrastructures and data-centre operations across Linux and Windows platforms. Delivered high performance through effective planning, configuring and optimizing various IT infrastructures and their Code Delivery process.
* Proven ability to create and deliver solutions tied to business growth, organizational development and systems/network optimization. Skilled problem identifier and trouble-shooter, equipped to manage systems, projects and teams in a diverse range of IT environments.

**Tools/Technologies**

* Redhat and VMware Virtualization
* Monitoring – ITM, Cloudwatch
* IBM Maximo, HPService Manager, Jira and Service Now (Ticketing tools)
* Configuration management – Puppet & Ansible
* Backup & Recovery – TSM and Legato
* Web Servers – Apache / Tomcat / Jetty / Nginx
* Hardware Console Management.
* PostgreSQL Database and Docker.
* AWS Cloud
* Bash and Python

**Professional experience**

1. **Excite Holidays - System Administrator: Sep 2017 to Present**

**Roles and Responsibilities:**

* Maintaining the Centos 7 servers to ensure high availability of the applications with Reverse Proxy / Load Balancers.
* Management of cloud services like AWS EC2, AMI, ELB, VPC and S3.
* Working with Cloud Formation templates across multiple regions.
* Managing the Elastic Search, Logstash, Kibana stack.
* Deployment with Jenkins and Lambda Functions.
* Manage the Office infrastructure with Active Directory, Group Policies.
* Ensured that all servers and applications are monitored as per the requirement using Nagios and New Relic and Cloud Watch (AWS).
* Designing Optimized and Cost Efficient solutions in AWS.
* Implemented CDN solution using AWS Cloud Front for locations across the globe.
* Configuration and Release management using Ansible.

1. **IBM- Technical Services Specialist: May 2015 to Aug 2017**

**(Client: Renowned Bank in Netherlands)**

**Roles and Responsibilities:**

* Maintained the Redhat Linux servers to optimize server availability (averaging 99.95% uptime)
* Ensured that assigned systems are engineered, configured and optimized for maximum functionality using Puppet.
* Mentored and provided technical consulting for creation of a comprehensive disaster recovery environment (On premises as well as on AWS)
* Worked on improving the continuous integration process using Jenkins.
* Ensured that all server hardware, operating systems, software and procedures are aligned with organizational standards and strategic business plan.
* POC on AWS for migrating servers hosting applications
* Creating and managing EC2 instances, Security Groups, Auto Scaling Groups in AWS
* Management of cloud services like AWS EC2, ELB, VPC and S3.

1. **Tata Consultancy Services- Information Technology Analyst; Aug 2014 to Apr 2015**

**(Client: Medical Insurance Company in USA)**

**Roles and Responsibilities:**

* Evaluated, monitored and enhanced IT infrastructure (Linux / AIX servers) with an emphasis on availability, reliability, scalability, security, data confidentiality and system integrity
* Ensured High availability of the application / Services running on Unix servers
* Automations to implement the solution on large scale
* Patching Solaris Servers to ensure they are compliant
* Patched servers using Redhat Satellite server

1. **Infosys Ltd- Technology Analyst: Sep 2009 to Jul 2014**

**(Client: End of Life Service Provider, USA**

**Income Tax Department, India)**

**Roles and Responsibilities**

* Planned and implemented new Linux (RHEL) servers
* Practised preventive maintenance to prevent failures
* Responsible for monitoring server condition and status 24/7
* Ensured updates and patches are regularly installed
* Rectified many issues by instituting best practices in system log analysis, backups, security, user account/permissions management and systems/software auditing

**Education**

* Bachelor of Engineering (Electronics and Communication) from Manipal Institute of Technology, Manipal (2009), Karnataka, India
* Intermediate from D.A.V COLLEGE, Chandigarh (2005), India
* High School from A.K.S.I.P.S, Chandigarh (2003), India

**Core competencies**

* Excellent communications skills with customer service focus
* Problem Analysis
* Service Improvement Plans and Automations
* Capacity Management
* Adapt any environment and implement open source tools as per the requirement
* Designing and implementing solutions
* Project Management

**Key Skills**

* Assessing and enhancing server security
* Training & mentoring
* Serverless (Lambda)
* Automation with bash and python scripting
* High availability solutions using Rhel Cluster with Storage
* AWS
* Server management using Redhat Satellite 5 & 6

**Certifications, Honours and Awards**

* **AWS** Solution Architect
* **RHCSA** and **RHCE** on RHEL-6
* AIX 7.1 Administration
* Won two **Spot Awards** for providing support to launch a new application for the client
* Won a **Worth a Mention Award** for exceptional service to the client
* Won a **Manager’s Choice Award** for showing interest in innovation
* Won a **Performer of the month Award** for completing a specific stability project