

# Abhijit Singh

Bharatpur, Rajasthan

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## Objective

I seek challenging opportunities where I can fully use my skills for the success of the organization and learn new things.

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## Education

### Board of Secondary Education Rajasthan

2010

Secondary

### Board of Secondary Education Rajasthan

2012

Higher Secondary

### Rajasthan Technical University (RTU), Kota

2017

B-tech in Electronics & Communications Engineering, Chandravati Group of Institutions Bharatpur (Rajasthan)

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## Experience

### GIP Technologies PVT LTD ---- Cloud Support Engineer

Jan-2021-----Till Now

- ✓ Experience with configuring and troubleshooting Linux system such as RedHat, CentOS
- ✓ Experience working with customers via portal, ticket panels and phone to resolve customer cases/escalations as needed
- ✓ Experience on Cloud Administration to Manage and deploy Dedicated Server, EC-2 Instances, and different types of IaaS
- ✓ Have some knowledge of common network protocols such as http, https, tcp/ip, DNS, udp, smtp and LAN WAN also.
- ✓ Lvm administration to achieve scalable storage solution
- ✓ Implementing best practices of LVM to achieve storage availability
- ✓ Performing server backup via cronjob and server migration
- ✓ Deploy client web application through dedicated hosting and virtual hosting
- ✓ Working on ansible to automate all the deployment process
- ✓ Automate complex manual administrative task using playbooks and roles
- ✓ Maintain configuration with jinja2 template and sensitive information using ansible vault
- ✓ Create and manage resources on AWS using ansible
- ✓ Having hands on experience on cloud computing services on different types of cloud
- ✓ Deploying Web Application using EC2, Storage, VPC, Load Balancer, Route53 Service
- ✓ Working on Cloud Cost Management to make cost effective environment
- ✓ Deploying client's web app on cloud using different-2 services achieve scalability and availability
- ✓ Experience working with NAS using NFS and EFS

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## Technical Skills

### Linux: -

Software Installation and OS Upgrades  
Good Troubleshooting Skills  
Managing System Configuration through Ansible.  
Scheduling jobs using Crontab  
Handle virtual infrastructure using VMWare.

Good knowledge of Shell scripting.  
Logical Volume & Storage Management.

**Server Management: -**

Configure and manage Authoritative Name Server (DNS)  
Proficient in installation & management of NFS Server, Application Servers and Database Server  
Servers, Network Servers & Web Servers like Apache, NGINX, MySQL, FTP, HTTP, SSH, NFS etc.

**Ansible: -**

Playbook creation and Troubleshooting  
Managing Variables and Facts  
Deploying Applications on Managed Hosts  
Roles and Handlers Automation of Linux Administration Tasks

**Docker: -**

Install and configure docker on Linux  
Deploying application in isolate containerized manner Image creation using docker file and commit method  
Manage persist volume using (docker volume) and (expose command) application onto internet

**Kubernetes: -**

Install and setting up Kubernetes cluster  
Different strategies to deploy application (RS, RC Deployment)

**AWS Cloud: -**

Admin & Security - IAM, Cloud Watch, Cloud Trail  
Networking - VPC, Route 53, Cloud Front  
Storage - S3, EBS, AWS Backup  
Database - RDS, DynamoDB  
Containers - Docker, Kubernetes

**Operating Systems: -**

All Versions of Windows, Linux and Android.

**Programming Languages: -**

**C And C++**

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## Training

- Industrial Automation Training from Sofcon Indian Pvt. Ltd. --- Duration: - 3 Months
- Summer Training in DCS and instrumentations at DCM Shriram Fertilizers and Chemicals.

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## Certification

Red Hat Certified System Administrator--RHCSA (CERTIFICATION ID: 220-235-782)  
National Skill Development Corporation (NSDC)  
The Fundamentals of Digital Marketing (By Google)  
Career Edge- Knockdown The Lockdown (by Tata Consultancy Services)  
Ethical Hacking (UDEMY)

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## Achievement & Awards

Won the 3rd Prize in "Robotic championship 2016" (national level) held by the "Cognizance-IIT Roorkee".  
9th runner up in "National Robotics Championship 2014" Zonal Round held by the "ARK techno solutions& Helios -IIT Bombay".

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## Projects

- Deployed WordPress using EC2 Instance, Docker Container and Kubernetes
- Prometheus for Kubernetes Cluster Monitoring
- Web Hosting on AWS and automated by ansible
- Created High Availability Environment On AWS Using Load Balancer, AutoScaling, VPC and Connected Database on Backend In Private Network
- Application Deployment by using Failure Policy

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## Activities

Organized workshop on “Ethical Hacking” at our college.

Co-ordinated in tech fest (Modal presentation, Circuit designing, Technical quiz etc.).

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## Language

English: - Good in speaking and writing.

Hindi: - Good in speaking and writing.

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## Personal Details

Date of Birth : - 4 September 1994

Father's Name : - Mr. Digambar Singh

Permanent Address : - 27- Krishna Nagar Bharatpur (Rajasthan)