

57/18, Old Rajendra Nagar,  
Delhi (110060)

Email : kshitijrathore.ksr@gmail.com  
Cellular : +91-8005725987

## TECHNICAL SKILLS

<b>Programming Languages</b>	Python, HTML
<b>Operating System</b>	Windows (10, 8, 7, XP), Red Hat (RHEL7.4, RHEL 7.2, RHEL 6.4)
<b>Networking devices</b>	Cisco catalyst switch : 2900, 3500, 3700 series Cisco router : 2900, 3700, 3800, 7200 series Cisco firewall : ASA 5505, 5510, 5525 and X series

### Networking Skills

- Extensive hands-on experience with complex routed LAN and WAN networks using Cisco routers, switches and firewalls
- IP addressing, Subnetting, VLSM, Configuration of Routers & Switches
- Routing (RIP v1, v2, RIPng, EIGRP, OSPF, OSPF v3, BGP), Network Address Translation (NAT) and Port Address Translation (PAT)
- VPNs : IPSec, GRE, GRE with IPSec, MGRE, DMVPN
- Management protocols, DHCP server, NTP server
- Firewall (ASA,PIX)
- Knowledge of IPv6
- Security on devices using ACL (numbered, named, reflexive and time based)
- Password recovery on Routers and Switches
- Hands on experience in troubleshooting complex networks and VPNs through routers, switches and firewalls

### Automation skills

- Automation of networking devices through Network Automation Container using python language
- Retrieving backup remotely through python scripts
- Knowledge of Netmiko (SSH on devices) and NAPALM automation tools
- Github link (of automation codes for Network Automation Container) :  
[https://github.com/kshitij-webster/network\\_automation](https://github.com/kshitij-webster/network_automation)

### Linux skills

- Basic hands on experience on REDHAT RHEL 7.4, RHEL 7.2, RHEL 6.4
- Configuring and securing Telnet, FTP, SSH, HTTP, HTTPS, NFS, SAMBA, SMTP servers

## PROJECTS AND TRAINING

- Advanced campus network design & interconnectivity
  - **Objective** : Advanced campus network design is the secure and most efficient network design of SKIT campus (Jaipur, Raj.) and interconnectivity with another campus using the VPN GRE (Generic routing encapsulation).
  - Screenshots at : <http://networkingalert.000webhostapp.com>

- Enterprise Network Design using Cisco Routers and Switches
  - **Objective** : Enterprise Network Design is the simulated implementation of the connectivity between the 4 branches of a company in 4 parts of the world, using the simulator **Cisco Packet Tracer 6.2**.
  - Screenshots at : <http://networkingalert1.000webhostapp.com>
- **60 days Training at Networxx Infotech Pvt. Ltd, Jaipur (Raj.)**

## Work experience

- **President and Trainer of Technocrats Club** in the College from Aug 2013-May 2016

## ACHIEVEMENTS AND CERTIFICATIONS

- **Scored 100%** in Cisco certified network associate examination (Exam no. 200-120) (Cisco id : CSC013045623)
- **Scored 100%** in Red Hat Certified System Administration (RHCSA) (Certificate no. : 160-210-035)
- **Campus placements in Infosys pvt. ltd. and Cognizant technological solution**
- Completed **CCNA** (Cisco Certified Network Associate) and **CCNP** (Cisco certified network professional) course in **Routing and Switching** from Networxx Infotech Pvt. Ltd., Jaipur (Raj)
- Completed **CCNA** (Cisco Certified Network Associate) and pursuing **CCNP** (Cisco certified network professional) course in **Security track** from Networxx Infotech Pvt. Ltd., Jaipur (Raj)
- Knowledge of web application penetration testing
- Completed **RHCE** (Red Hat Certified Engineer) and **RHCSA** (RedHat Certified System Administrator) course from Linux World Pvt. Ltd. (Jaipur)
- Completed Level One in Ethical Hacking – CISE v2.0 (Certified Information Security Expert) course from Innobuzz Knowledge Solution (Jaipur) (certificate no. : 30798)
- AMCAT certified in following : (AMCAT ID : 30014499922351)
  - Data processing specialist
  - Channel sales professional
  - Corporate sales manager
  - Collection specialist
  - Customer service specialist
  - Telesales professional
- Cleared coding contest Codeblitz and Fermat held in IIT Bombay's Tech Fest (2014)
- Achieved 64<sup>th</sup> state rank in Olympiad of mathematics (2010)

## EDUCATIONAL QUALIFICATION

- **Bachelor of Technology** with specialization in Computer Science Engineering from swami keshvanand institute of technology, Jaipur in 2016 with an aggregate of 75% CGPA

## EXTRA CURRICULAR AND HOBBIES

- **Coordinated** Ethical Hacking and Security Workshop in College Fest (PRAVAH'14)
- Short-listed as **Finalist** in National level Competition – MANTHAN in Delhi (Oct'13)

### Hobbies

- Writing blog on the following :
  - <https://kidiaries.blogspot.com/>
  - <https://technohackerspoint.wordpress.com>
  - <http://technocratclub.blogspot.com>
  - <https://forgottencricketersindia.blogspot.com/>
- Travelling