

# Curriculum vitae

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## **Aadesh Garg**

New Delhi

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## **Profile Summary**

HPC Administrator with knowledge on Network Administration with 4+ years of cross-platform Experience in building and maintaining UNIX /Linux and Windows systems and end-user support and 2+yrs of relevant hands on experience in implementation and support of High Performance Clusters and Storages. Proven ability to learn quickly and become proficient in a variety of technologies, to create and deliver solutions tied to business growth, skilled problem troubleshooter, comfortable working in projects and teams in a range of IT environments.

## **Professional Experience**

**Overall 7+ years of IT experience.**

- **IGNCA (INDIRA GANDHI NATIONAL CENTRE FOR THE ARTS), New Delhi**  
**Period: July 2017 – Present**
  - Presently I am Working as a **Technical Assistant** in **IGNCA**.
  - Windows OS Installation and Configuration.
  - Troubleshooting issues related to networking.
  - Also support GeM and CPP Portal for procurement and tenders uploading respectively.
  - Managing the Linux server.
  - Maintain all types of Technical Work in all divisions of IGNCA.
- **WIPRO INFOTECH, Gurugram, Haryana**  
**Period: Sep 2015 – July 2017**
  - I have Worked as a **System Administrator** in **WIPRO INFOTECH**.
  - Manage and maintain HPC (High Performance Computing Linux) Server in different projects:

Project:	SAG (DRDO)
Client:	New Delhi
Period:	23-09-2015 to 06-06-2016
Description:	HPC cluster in SAG with 256 nodes,1 master node,1 login node,4 visualization nodes
Position:	Project Engineer
Contribution:	<ul style="list-style-type: none"> <li>• HPC Cluster Management Utility(CMU)–for Cluster Management</li> <li>• RHEL – for OS</li> <li>• Support for Parallel file system Lustre</li> <li>• Support for Altair PBS Pro – for Job Scheduler</li> <li>• Support for 24/7 with all application of clusters Monitoring tool and management</li> </ul>

Project:	ICAT, Manesar, Guragaon
Client:	Natrip, Manesar
Period:	07-06-2016 to 25-01-2017
Description:	HPC Cluster in international Centre for Automotive & Technology with 90 compute nodes , 2 master nodes, 2 IO nodes, 4 Visualization nodes and 2 tape library
Position:	Project Engineer
Contribution :	<ul style="list-style-type: none"> <li>• POST of storage, switches and servers</li> <li>• Configuration of Lustre file system</li> <li>• Vendor Management.</li> <li>• Training on Storage Administration and Lustre Administration.</li> <li>• Onsite support for all tasks related to cluster monitoring.</li> <li>• Configured samba for GUI interface.</li> </ul>

• **CSIR-CBRI (CENTRAL BUILDING RESEARCH INSTITUTE)**

**Period: Jan 2014 – Sep 2015**

- I have worked as a **Project Fellow** in **CSIR-CBRI**.
- Maintenance and administration of Linux based system. Troubleshooting issues related to memory, networking and hardware.
- IP address management of other systems which are on network.
- Development of Linux server based websites, three websites for different projects, and these all websites have been launched on the CBRI network.

- **SOFT WORLD INDIA PVT. LTD. Jaipur, Rajasthan**  
**Period: Sep 2013 –Jan 2014**
  - I have worked as a **Technical Support Executive** in **Soft World India Pvt. Ltd.**
  - Provided the technical support for Software which is developed by the Soft World related to Medical account storage.
  - Troubleshooting and Administration of software's and network connected to LAN.
  - Tenure in SOFT WORLD without any escalations.
- **KDK Software Pvt. Ltd. Jaipur, Rajasthan**  
**Period: Sep 2012 –Sep 2013**
  - I have worked as a **Technical Support Executive** in **KDK Software Pvt. Ltd.**
  - Provided the technical support for Software which is developed by the KDK related to taxation.
  - Troubleshooting and Administration of software's and network connected to LAN.
  - Tenure in KDK without any escalations.
- **I have also 3+ year part time teaching experience in Web Development, C & C++, Advance Excel, Computer Basic, Networking, PYTHON etc.**

## **Professional Certifications**

- Mellanox Switch Cumulus Linux Certified
- Mellanox NEO Certified
- Mellanox Switch - Ethernet Certification part 1
- Mellanox Switch - Ethernet Certification part 2

## **Area of Proficiency**

- Linux Operating System : RHEL, CentOS, Ubuntu
- Windows Operating System : XP, Vista, Window 7, Window10
- File Systems: Lustre, GlusterFS
- Monitoring Tools: Ganglia
- HPC Cluster Tools : Rocks Cluster Suite
- InfiniBand/10G Configuration and troubleshooting
- Linux Configuration like: FTP, NIS, DHCP, SAMBA, Mail etc.
- Tape Libraries: Tandberg T40
- Web Development: PHP, Asp.net
- Programming Language: C & C++
- Networking Knowledge
- Scripting: Shell Scripting
- Advance excel
- Python for Data Science

## Qualification

- B.TECH. (Computer Science) with **First Division** from RTU , Kota , Rajasthan.

## Industrial Training

- Training of 28 Working days on a project “**Internet Based Document Repository**” conducted by **CSIR** (COUNCIL OF SCIENTIFIC &INDUSTRIAL RESEARCH) **PUSA, New Delhi.**
- Attended extensive training on different modules like Software Testing, Fault Finding etc conducted by **PAGARIA ELECTRONIC PVT. LTD. New Delhi.**

## Personal Information

- Gender : Male
- Father's Name: Umesh Chand Gupta
- Permanent Address: 2 ka 345-346, Shivaji Park, Alwar- 301001 (Rajasthan)
- Marital Status : Married
- Date of Birth : 21<sup>st</sup> Aug 1989
- Hobbies : Singing, Music , Internet Surfing , Traveling & Interacting with people and learning , Computers
- Languages : Hindi , English
- Passport No. : N3491519
- Preferred Location : Any where

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

**Aadesh Garg**