Manoj GAUTAM

PERSONAL DATA

PLACE AND DATE OF BIRTH:	Gulmi, Nepal	02-05-1990
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WORK EXPERIENCE

current
FEB 2016

Build Change Kathmandu
IT Manager

- Worked with fulcrum a data collection platform and created forms and form validation using JavaScript.
- Created a BI dashboard for data visualization using Django, Jquery and D3js.
- Configured, manage and troubleshoot services like Samba, DNS, Apache, and MySQL.
- Ensure that the organization's network is functioning properly.
- Configured, manage and troubleshoot Network Attached Storage(NAS).
- User administration (setup, maintain and troubleshoot account), monitor system performance using zabbix and install and update software up to date.
- Created a backup and recover policy plan, verify that peripherals are working properly, quickly arrange a repair for hardware in occasion of hardware failure.
- Implemented the policies for the use of the computer system and network Set up security policies for users.
- Provide technical support, training and technical documentation for the users.
- Keeping management and vendors updated on progress.
- Speaking to management team/vendors and coordinate to find out what they want.

current
Sept 2013

Nepal College of Information Technology
Cisco Certified Academy Instructor Trainer

- Teach ICND1, ICND2, CCNA Discovery course, CCNA Exploration,CCNA Routing and Switching, Partner Developed NGD Linux Essentials offered by Cisco Inc to CNA (Cisco Networking Academy)
- Managed the CCNA academy training programs for the Cisco Networking Academy Program
- Developed and updated skills-based assessments for academy students
- Implemented update training programs that successfully retrained over students
- Provide curriculum support and implementation support to CCNA Academy
- CCNA curriculum follow, content, and delivery of interactive, facilitation- based training utilizing multiple teaching platforms including classroom, web based platform and self-directed instruction
- Enroll students in cisco Academy and provide required trainings to students to earn the CCNA Certification

July 2012
Dec 2013

Cloud Host Info Kathmandu
Linux System Administrator

- Configure and manage services like DNS, Apache, Nginx, Mail services and Database services (MySQL, postgresql).
- Configure and setup Configuration Management tool ansible for system administration automation.
- Create a file systems, install and update software up to date, create a backup and recover policy plan for maintaining system, verify that peripherals are working properly, quickly arrange a repair for hardware in occasion of hardware failure and monitor network communication.
  the policies for the use of the computer system and network Set up security policies for users.
- Setup and Configure firewalls and intrusion detection systems.
- Password and identity management.
- Provide technical support, training and technical documentation to the Information Technology team.
- Document server configurations, and scripts, and all other relevant information in a repository using the Version Control system.

March 2013
Sept 2013

Nepal College of Information Technology Kathmandu
Lecturer

- Taught undergraduate and graduate level in areas allocated by the Head of Department and reviewed from time to time by the Head of Department.
- Assisted in the development of learning materials, Lab manuals and preparing schemes of work.
- Delivered lecture on Computer Network and Electronic circuits.
- Assisted in the development, administration and marking of exams and other assessments
- participated in the administration of the department's programmes of study and other activities as requested.

Education

CURRENT-2014	Master in COMPUTER ENGINEERING ME, **Pokhara University** **fourth Semester running** Thesis: "Application Aware Route Optimization in Software Defined Network" ADVISOR: PROF. DR. SHASHIDHAR RAM JOSHI
OCT 2012	Bachelor in ELECTRONICS and COMMUNICATION ENGINEERING *Nepal College of Information Technology,* **Pokhara University** Thesis: "Real Time Navigation and Positioning System" GPA: 3.74/4
AUGUST 2014	CS-169.1x: LFS101x: INTRODUCTION TO LINUX *A course of study offered by* **LinuxFoundationX**, *Initiative of The Linux Foundation through edX.,* **edX** Authenticity Verfication : https://verify.edx.org/cert/b707e8aa455e4a9f9aba3c5c03fafdbc
AUGUST 2013	CS-169.1x: SOFTWARE **and** AS A SERVICE *Initiative of The University of California through.,* **edX** Authenticity Verfication : https://verify.edx.org/cert/1f7f15de05454206ad1a26ea3ac90158

Global Certification

CCNA CERTIFIED:	License CSCO12340849 Certificate Verification No. : **416041794381GPCL**
RHCE CERTIFIED:	Red, Hat, Inc, License: **130-203-102**
RHCSA CERTIFIED:	Red, Hat, Inc, License: **130-203-102**
MICROSOFT CERTIFIED PROFESSIONAL:	Certification No.ES58-5315
MICROSOFT CERTIFIED SPECALIST:	Certification No.ES45-4509

Scholarships and Certificates

2014	Pokhara University	Master in Computer Engineering Scholarship (Full Scholarship)
2006	Pokhara University	**Dean List Achiever** in Undergraduate Studies (Electronics and Communication Engineering)

Publications

SEPT. 27, 2013 NascoIT	Pyro: Python programming framework for Integrated Robotics Environment Development
SEPT. 27, 2013 NascoIT	Real Time Simulated Robotic Arm For Telerobotics

Skills

Security:	VPNs (Site-to-Site, IPSec, Remote Access, SSL, WebVPN, GET VPN, DMVPN, ezVPN), SELinux, SSH tunnels, SCP, Sftp, Snort, Fail2ban. AAA, Kerberos, ,Access Lists, Linux firewalls and IPTables, OpenVPN
Routing:	RIPV1, OSPF, EIGRP, RIPV2, IS-IS, RIPng, OSPFv3, EIGRPv6, BGP, BGPv4. GRE, MPLS, IPv6
Switching:	STP, RSTP+, PVST, MST, VTP, Trunking, VLANs, VTP, Layer 3 Switches, Ether Channels, Transparent Bridging
WAN:	HDLC, PPP, Frame-relay, ATM
Services:	Pxe,DHCP, CDP, DNS, HTTP,TFTP, FTP, NAT, SSH,proxy SMTP, POP IMAP , NFS, SNMP, TLS/SSL, STP, LDAP, HSRP, VRRP, GLBP, EtherChannel.
Programming:	PYTHON, PHP, JAVA, JAVASCRIPT LATEX
Database:	Mysql, sql, mongodb, PostgreSQL
Scripting:	BASH,Python
Virtualization:	KVM, VMware, vSphere, Vargant, ESXi Server, Fusion, Microsoft Hyper-V
Monitoring Tools:	Nagios, Cactic, MRTG, Open NMS, zabbix
CMS :	Wordpress, Joomla, Drupal.
Web framework:	Django and Flask.
Libraries:	Jquery, AngularJs.

Academy Course Delivery Skills

current SEPT 2013	**Nepal College of Information Technology** *Lecturer of Computer Network* Lecture Computer Networks Course for bachelor of Engineering (Computer /IT)
February 2014 SEPT AUGUST 2014	**Computer Point Nepal** *CCNA Trainer* Taught CCNA Course according to CCNA Syllabus offered by Cisco Inc.

Languages

NEPALI:	Mothertongue
ENGLISH:	Fluent
HINDI:	Basic Knowledge

Interests and Activities

- Technology, to contribute to open source software, Programming,

References

NAME:	Kumar Pudashine
DESIGNATION:	Network Security Engineer Agriculture Development Bank
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EMAIL:	kumar.pudashine@gmail.com

NAME:	Niranjan Khakurel
DESIGNATION:	Principal
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EMAIL:	niranjan@ncit.edu.np