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Summary:

Logical, technical and creative are three words that define me. I am a dynamic and self motivated System and Network Administrator. Aspiring for a bright and challenging career in the field of System Administration, which would enable me to upgrade myself with emerging trends and technologies.

I enjoy working with computers and am **passionate about Linux and Open Source** related applications and programs. I am a competent user of various **Linux based Operating Systems** such as Ubuntu, Debian, Fedora, Centos etc. Along with **servicing as a System Administrator** where I frequently worked with national and international organisations I also have the basic knowledge of **Web Designing and Graphic Designing**. Some of the tools I have previously used includes **Multi Route Traffic Grapher (MRTG), ZABBIX, Open Shift, Cloud Stack, Open Stack, Nagios etc** which enable monitoring of systems, networks and infrastructures.

Education:

2012 - 2016 **Bachelors in Software Engineering (BE)** Pokhara University, Pokhara

- This course has been designed with the aim of producing quality engineers for growing software development industry.
- I learnt various aspect of software development including software architecture and designing, programming using language such as C & C++ and representing the functionality of a system using various Unified Modelling Language such entity relationship diagram, use case diagram, sequence diagram etc.
- The course also included materials on Artificial Intelligence, this proved that it was designed with the pace of changing software development industry.

2008 - 2010 **Intermediate in Science (ISc)** KIST College, Kathmandu

Certifications & Awards:

- I have been recognised for my contribution to Mozilla Firefox, being included in **SF monument** at **Mozilla Headquarters** is one of my proudest achievement.
- I am amongst **contributors whose name is listed** in each and every Firefox browser shipped after November 2013.
- As a knowledgeable and local expert in Free and Open Source Software, I am often invited as one of the guest of honour to related events held within Kathmandu Valley.

Experience Summary:

I have 2+ years of Experience as a System Administrator on Linux systems. I am also a self taught expert in PC assembling and troubleshooting. I have sound knowledge of basic networking and creating network diagram. Some of my linux expertise include

1. Configuring Run Levels
2. Setting and configuring various open source tools like gitlab, openstack, openshift etc.
3. Setting up security tools like open-scap, lynis etc.
4. Setting up DNS server and configuring it.
5. Setting up DHCP server
6. Setting up SAMBA server
7. Setting and configuring different web servers like Apache, nginx, open litespeed etc
8. Setting up and configuring mail servers like Sendmail, Postfix, Zimbra etc
9. Configuring Squid proxy server, NATing, FTP server, RAID, BIND etc
10. Dual booting the system with two or more OS. (Solaris, Windows, Linux)

Employment history:

May 2018

BISolutions Pvt. Ltd.

IT Consultant

- As an IT Consultant at BI I was responsible for Infrastructure scaling at the company
- I was also responsible for Capacity building at the company
- I was responsible for security building and scaling up at the company
- I was also responsible for implementing Devops tools in the company like openshift, CI/CD
- I was responsible for implementing other tools like wiki, git etc

July 2017 – Dec 2017

Datahub Pvt. Ltd.

IT Officer

- As an IT officer with in the data centre one my key responsibility was to monitor the various organisations systems using Zabbix an Open Source monitoring tool.
- Along with the technical roles providing customer service to the clients was also key to the role.
- Some of the other services that were used are Backup As A Service (BAAS) and Disaster Recovery As A Service (DRAS).

Feb 2016 – May 2017 Librosoft IT Solutions

Chief Outreach Officer/
System Admin/ Linux Tutor

- My primary job at Librosoft was outreaching the clients, understanding the current case and suggesting the best option for client.
- I often covered System Administration courses in various colleges in and outside Kathmandu.
- One of the most satisfying task we fulfilled at Librosoft was installing affordable e-library systems throughout Nepal, it provided easy access to a library of books and this did not require internet.

Sept 2014 – Jan 2016 Code Nemesis

Backend Developer

- The aim of the project was to provide affordable website to small business
- At this project, I fulfilled the role of a backend developer.

Volunteering and Involvement:

FOSS Nepal, Nepal: I have been an active member of FOSS Nepal since 2010

Mozilla: I have been an active member, volunteer and contributor to the Mozilla community.
Mozilla Representative for Nepal.

Mozilla Nepal, Nepal: Since the establishment of Mozilla Nepal in 2012 I have remained an active member and volunteer of the community.

OpenStack: I am a founding member and active member of OpenStack.