NIKHIL NEPAL

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ACADEMIC QUALIFICATION

2014- 2018	**Bachelor of Science in Computer Science and Information Technology** Prime College (Tribhuvan University), Nayabazar, Kathmandu Percentage: 72.33%
2012- 2014	**Higher Secondary Education Board (Plus 2)** National Integrated College, Dillibazar, Kathmandu Percentage: 60.3%
2012	**School Leaving Certificate** New Zenith English Model School, Bhurungkhel Kathmandu Percentage: 77.13%

WORK EXPERIENCE

DURATION	JOB DESCRIPTION
3rd March 2019- 14th January 2020	**Computer Science Teacher** New Zenith English Model School • Provide appropriate resources and learning materials for students. • Supervise students' laboratory work. • Encourage students to persevere with challenging tasks.
15th May 2018- 12th February 2019	**Technical Support Executive (L1 Support)** Vianet Communication Pvt. Ltd • Troubleshooting issues such as Configuration Conflict, Network Performance and Security Issues. • Assist in configuration and troubleshooting of routers like mikrotik, cisco, raisecom, and huawei. • Maintaining and monitoring a computer system. • Provide Technical Support of NETTV. • Diagnosing and Solving hardware or software fault.

ACADEMIC PROJECTS

Project name: SMART SHOPPING

Language of implementation: JAVAFX, CSS, JAVA, Node JS, MySQL

Team members: 3

Duration: 87 days

Description:

I and my project members decided to tackle the inconvenience of in-store shopping by providing a technology oriented, low-cost and hassle-free shopping experience. We designed and developed a software application "Smart Shopping" which is a real-time capturing system that uses Quick Response (QR) code to provide relevant product information to the user. This application consists of two modules: a desktop application for the employees to manage products and mobile applications for customers to scan the products and add them to their virtual cart. It uses the collaborative filtering algorithm for recommending products for the customers.

Project name: Enterprise Network Design using Packet Tracer

Team member: 1

Duration: 84 days

Description:

The purpose of this project is to design a suitable network system for enterprise organization. Every small and large organization use computer network to share their resources. The aim of this project was to design a network with security and low cost, in such a way that network devices of an organization will meet standards. In this project, the organization is subdivided into several departments by implementing VLANs for proper management to control flow of information and used inter-VLAN routing with OSPF Routing Protocol. AAA is used for authentication and DHCP for IP addressing. STP is used to prevent loops and allows a network design to include backup links to provide fault tolerance if an active link fails. The servers for this network design are DHCP server, TACAS server, and FTP server.

CERTIFICATIONS

TOPIC	INSTITUTION/ CERTIFICATION NUMBER	DATE OF ACHIEVEMENT/ DURATION
NSE 2 Network Security Associate	RgLpMZFQj4	May 7, 2020
NSE 1 Network Security Associate	t1xz45gzGM	May 5, 2020
Introduction to Cybersecurity	Cisco	25 Apr 2020
Routing Technology and Network Security	Aptech Hardware and Networking Academy & Neosphere	21st November 2018 & 102 hrs
Python Workshop	Institute of Information & Technology Nepal	4th November 2017
Microsoft Technology Associate: Networking Fundamentals	F642-3959	4th March 2016
Microsoft Office Specialist: Office Word 2013	wMVDk-HaXp	1st July 2015
A visionary workshop on Vision & Goal Setting	Visionary International Pvt. Ltd	2nd November 2014
Web Development Camp	Microsoft Innovation Center Nepal	17th December 2014
Diploma in computer	Apnet Computer Institute	9th April 2012- 8th July 2012

TECHNICAL SKILLS

- Networking: Routing and Switching, Firewall, Network Management & Network Security
- Web Development: HTML5, CSS, and Javascript (React JS)
- Programming Languages: Python
- Version Control: GIT
- Microsoft Office Word

SOFT SKILLS

- Communication, Teamwork, Research, Time Management
- Languages: English, Nepali and Hindi

HOBBIES

- Sports
- Learning new technology and technical skills
- Hanging out with friends
- Photography
- Travelling

REFERENCES

1. **Dikshya Singh**

   Program Coordinator B.Sc.CSIT & BCA,

   Prime College (Tribhuvan University)

   dikshya1129@gmail.com or dikshya.singh@prime.edu.np

2. **Chettra Bahadur Chettri**

   Project Supervisor & Lecturer

   Department of Computer Science & IT

   Prime College (Tribhuvan University)

   sanchhetri000@gmail.com

3. **Raju Maharjan**

   Principal

   New Zenith English Model School

   newzenithschool@gmail.com