

Curriculum Vitae (CV)

Personal Details:

- Name: Pranaya Ghimire
- Father's Name: Bissweshor Ghimire
- Mother's Name: Ambika Devi Poudel Ghimire
- Date Of Birth: 2059-05-05
- Mobile No.: 9840505684
- Address: Bharatpur-26, Chitwan
- Email: pranayaghimire88083@gmail.com
- Website: <https://pranayaghimire.com.np/>

Qualifications:

Level	Faculty	Passed Year	School/College/Campus	GPA/Percent
S.E.E.	-----	2073 B.S.	Kalika Boarding School	3.50
N.E.B.	Science (Computer)	2076 B.S.	Gurukul College	3.39
Bachelor	BSC.CSIT	2081 B.S.	Birendra Multiple Campus	69.35 %

Experience:

- 2-month work experience as an intern at Chitrawan Unique Net (L1 and L2 Support).
- Done VLAN tagging and Untagging, PPPoE dialup and network troubleshooting during internship.

Skills:

- Basic Knowledge of Networking and Router Configuration done in Packet Tracer.
- Basic Knowledge of Subnetting and Routing Protocols.
- Basic Knowledge of VLAN and Switch Configuration done in Packet Tracer.
- Network Troubleshooting skills.
- Good knowledge of EPON/GPON technologies used in ISP.
- Good Communication Skills
- Problem Solving Skills
- HTML
- CSS
- CSS Frameworks (Bootstrap & Tailwind CSS)
- JavaScript

- JavaScript Library (React)
- SQL
- PHP
- PHP Framework (Laravel)
- Version Control (Git & GitHub)

Web Development Projects:

- Simple login page using HTML, CSS and PHP.
- <https://pranayaghimire.com.np/>
- Simple Registration page using HTML, CSS and PHP
- <https://pranayaghimire.com.np/register.php>
- My Port-folio Website using HTML,CSS and JavaScript
- <https://pranayaghimire.com.np/Port-folio%20Website/>
- Simple calculator app using HTML, CSS and JavaScript.
- <https://pranayaghimire.com.np/Calculator%20App/>
- CatFlix clone page using HTML, CSS and JavaScript.
- <https://pranayaghimire.com.np/Catflix%20Clone/>
- Tic Tac Toe game using HTML, CSS and JavaScript.
- <https://pranayaghimire.com.np/Tic%20Tac%20Toe/>
- Rock Paper and Scissors game using HTML, CSS and JavaScript.
- <https://pranayaghimire.com.np/Rock%20Paper%20and%20Scissors/?i=1>
- Simple Currency Converter App using HTML,CSS and JavaScript.
- <https://pranayaghimire.com.np/Currency%20Converter/>
- Coin Toss Game using HTML,CSS and JavaScript.
- <https://pranayaghimire.com.np/Coin%20Toss/>
- Todo List app using HTML, CSS and JavaScript.
- <https://pranayaghimire.com.np/ToDoList%20App/>
- Stopwatch app using HTML, CSS and JavaScript.
- <https://pranayaghimire.com.np/Stopwatch/>
- Simple Port-folio Website using React JS and Tailwind CSS.
- <https://pranaya123.netlify.app/>

Networking Projects:

- DHCP Configuration in Cisco Packet Tracer
<https://pranayaghimire.com.np/DHCP/>

- OSPF Configuration in Cisco Packet Tracer
- BGP Configuration in Cisco Packet Tracer
- RIP Configuration in Cisco Packet Tracer

VLAN Untagging:

```

Command Prompt
Switch-Oriented Flow List
-----
INDEX VLAN  PORT F/ S/ P VPI VCI  FLOW FLOW  RX TX  STATE
  ID  ATTR  TYPE
-----
  873 352 common gpon 0/3 /7 20 5   vlan 352  -  -  up

Total : 1 (Up/Down : 1/0)
Note : F--Frame, S--Slot, P--Port,
       VPI indicates CM index for DOCSIS,
       VPI indicates ONT ID for PON, VCI indicates GEN index for GPON,
       v/e--vlan/encap, pritag--priority-tagged,
       ppp--pppoe, ip--ipoe, ip4--ipv4oe, ip6--ipv6oe.
       When FLOW TYPE is plist, the value of FLOW PARA is a byte in
       hexadecimal format and indicates a priority list. Eight bits
       of its binary value indicate priorities 0-7 from the least
       significant bit to the most significant bit. Value 1 indicates
       that the priority is used. For example, if FLOW PARA is 0x23 and
       its binary format is 0010 0011, priorities 0, 1 and 5 are used

huawei.padampur(config)#undo service-port 873
huawei.padampur(config)#interface gpon 0/3
huawei.padampur(config-if-gpon-0/3)#ont delete 7 20
Number of ONTs that can be deleted: 1, success: 1
huawei.padampur(config-if-gpon-0/3)#quit
huawei.padampur(config)#quit
huawei.padampur#
huawei.padampur#quit
Check whether system data has been changed. Please save data before logout. Are you sure to log out? (y/n)[n]:y
Configuration console exit, please retry to log on

Connection to host lost.

```

PPPoE dialup:

Cricket TV - MHD TV SPORTS | Free CONA | OSPF Part 1 | Day 26 | C | (134) How to setup PPPoE connect: EG8141A5

Not secure | 192.168.18.1/index.asp

Fast Setting | Eadmin | Logout

WAN Configuration

On this page, you can set WAN port parameters. A home gateway communicates with an upper-layer device using the WAN port. During the communication, WAN port parameters must be consistent with upper-layer device parameters.

New Connection Delete

	Connection Name	VLAN/Priority	Protocol Type
<input checked="" type="checkbox"/>	1_INTERNET_R_VID_11	11/0	IPv4

Basic Information

Enable WAN: ☒

Encapsulation Mode: ☐ IPoE ☒ PPPoE

Protocol Type: IPv4

WAN Mode: Route WAN

Service Type: INTERNET

Enable VLAN: ☒

VLAN ID: 11 (1-4094)

802.1p Policy: Use the specified value

802.1p: 0

MRU: 1492 (1-1540)

User Name: jtn_9845088083

Password: *****

27°C Partly sunny

Search

ENG 8:30 AM 5/15/2024

Checking optical information during Network Troubleshooting:

EG8141A5

Not secure | 192.168.18.1/index.asp

Fast Setting | Eadmin | Logout

Optical Information

On this page, you can query the status of the optical module.

ONT Information

	Current Value	Reference Value
Optical Signal Sending Status:	Auto	Auto
TX Optical Power:	2.34 dBm	0.5 to 5 dBm
RX Optical Power:	-28.24 dBm	-27 to -8 dBm
Working Voltage:	3300 mV	3100 to 3500 mV
Bias Current:	9 mA	0 to 90 mA
Working Temperature:	48 °C	-10 to +85 °C

OLT Information

	Current Value	Reference Value
Optical module type:	--	--
Transmit optical power:	-- dBm	--
PON port identifier:	--	--

35°C Rain showers

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ENG 6:47 PM 6/11/2024