

Bishal Chaudhary

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Ratnanagar-06, Chitwan, Nepal +977-9845819257

Professional Summary:

- Proficient in LAN technologies
- Proficient in monitoring and troubleshooting the Network
- Good hands-on knowledge on Cisco Router and switches
- Experience in Server setup in network
- Proficient in Mikrotik
- Proficient in **Sophos Firewall**
- Creating and configuring **VPC setup in AWS environment (Public subnet, Private subnet, NAT gateways)**
- Creating EC2 instances with specific **IAM roles**
- Excellent Hands-on experience in applying Continuous Integration, Continuous Deployment and Continuous Delivery Processes & tools
Environment: Git, Maven, Jenkins, Apache Tomcat, Ansible, Shell Scripting Docker etc.
- Experienced in working with monitoring tools (**Prometheus, Grafana**)
- Excellent working knowledge on various virtual system Docker, VMware, VirtualBox technologies
- I have a strong understanding and knowledge of Aws services (**EC2, Network, ELB, S3, etc.**)
- Proficient in English, Hindi and Nepali language

Professional Certification:

Amazon Web Services

- **Aws Certified Cloud Practitioner**
https://drive.google.com/file/d/1Ec36XBF2AxUL0tULxof1oGT1gOhg6Qc/view?usp=share_link
- **Aws Solution Architect -Associate**
<https://drive.google.com/file/d/1AjakEMSWaOFQFXjIBrypjlBPFXolitVL/view?usp=sharing>

Cisco

- CCNA (Cisco Certified Network Associate)
https://drive.google.com/file/d/18CIVibY_ACD7Hrp2O0eyoH8ZVaJ_sNQ3/view?usp=share_link

Microsoft

- Microsoft Certified Azure Fundamentals
https://drive.google.com/file/d/1Hvhy8x2VzMsmES7nvqWlU_VnOcDqDGXc/view?usp=share_link

EC-Council

- Certified Ethical Hacker (ANSI)
https://drive.google.com/file/d/1JJ1hrGp9tLoXSR6iz2h8EEvgqJcUmZiN/view?usp=share_link

Awards:

➤ Instructor 1 Years of Service

Cisco Networking Academy / 2022

For One year of active participation and service in Cisco Networking Academy

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Technical Skills:

Cloud	Aws, Azure, GCP
Container Orchestration	Kubernetes Docker
Operating System	Linux, Windows, Mac
Networking	Introducing to Networks Routing, Switching, and Wireless Essential Enterprise Networking and Security
Containerization	Docker AWS ECS
Scripting language	bash
Virtualization	Virtual box VMware
Infrastructure as code	Terraform, Ansible
CI/CD	Jenkins
Version Control	Git
Logs and Monitoring	Prometheus Nagios Zabbix PRTG
SIEM	SPLUNK

Web/Application Server	Apache Nginx
Website development toolkit	HTML CSS
Data Visualization	Grafana

Participation/Training:

- **Dedicated RHCSA Linux Lab Bootcamp**
Networking Nepal /2019 Trainer – Jiwan Bhattarai
<https://www.linkedin.com/in/jiwanbhattarai/>
- **Ethical Hacking and Advanced Penetration Testing**
Karnali Network Services /2022 Trainer – Sachin Jung
Karki <https://www.linkedin.com/in/sachin-jung-karki4557a49a/>
- **AWS Cloud Practitioner Essential**
Genese Academy /2022 Trainer – Dipak
Poudel
<https://www.linkedin.com/in/poudeld/>
- **Google Cloud Ready Facilitator Program Organized by Google and Qwiklabs**
https://www.cloudskillsboost.google/public_profiles/1c3b6df6-8dd0-4c36-a513-084153687cdb
https://drive.google.com/file/d/1t765EfNcUwj9EvdMZ2VD7Nyc3_U_g9vb/view?usp=share_link
- **3 days Google Developer Groups DevFest India 2021**
https://drive.google.com/file/d/1mb8ttZJBZ4MCL4xePjaGslqqqIF-Lx0u/view?usp=share_link
- Web designing
- 3 days Azure training

Academic Qualifications:

Year	Degree	Institute/University
2013	SLC	Buddha Jyoti English Boarding School
2013-2015	HSEB	New Capital College
2019-2023	Bachelor in Computer Science (Networking and Cybersecurity)	Forbes College

Project completion:

- **Minor Project: VoIP Implementation over Intranet**
- **Major Project: Multi Cloud IOT based Health Monitoring System using Devops**

Elective Subject in Bachelor

- Cryptography
- Data center
- IOT
- Python
- Cloud Computing

Experience:

- **Zakipoint Health, DevOps Intern , Mahalaxmasthan, Lalitpur, Nepal** **15/03/2023 - 15/06/2023**
 - Build and Release management involving extensive work towards code compilation, packaging, building, debugging, automating, managing, tuning and deploying code across multiple environments.
 - Experience in working on version control systems like Subversion, and GIT and used Source code management client tools like GitBash, GitHub, Git GUI and other command line applications etc.
 - Extensive experience using MAVEN as build tools for the building of deployable artifacts from source code.
 - Managed environment DEV, QA, and Prod for various releases and designed instance strategies.
 - Having Good knowledge of Amazon AWS cloud services, (EC2, S3, ELB, Elastic IP, RDS, SNS, SQS, IAM, VPC, Cloud Formation, Route53, Cloud Watch).
 - Knowledge of using Routed Protocols: FTP, SFTP, SSH, HTTP, HTTPS and Connect direct.
 - Used Jenkins, Build forge for Continuous Integration and deployment into Tomcat Application Server.
 - Integrated **GitLeaks** into the CI/CD pipeline to perform automated security scans for sensitive information and credentials in source code, enhancing the overall security posture of the software.
 - Implemented infrastructure-as-code practices using tools like **Ansible** reducing the manual errors and ensuring consistent environments across development, testing, and production.
 - Collaborated with operations teams to monitor and manage production environments, implementing proactive monitoring and alerting system to ensure high availability and performance.
 - Implemented code quality analysis and code review processes using **SonarQube**, ensuring adherence to coding standards and identifying areas for improvement, resulting in 20% reduction in technical debt.
 - Designed and Implemented highly secure and scalable solutions using **HashiCorp Vault**, ensuring the confidentiality and integrity of sensitive data.
 - Utilized **JFrog** to manage artifact repositories, enabling efficient software versioning and dependency management across multiple projects.
 - Developed and maintained **Jenkins** pipelines to automate build, test, and deployment processes, resulting in faster software delivery and reduced manual efforts.
- **Virtually Testing Foundation, 8450 Topanga Cyn Bld, Los Angeles, California, USA 91304**
Information Security Administrator Intern **12/09/2022 – 20/11/2022**
 - https://drive.google.com/file/d/1xRsPz5C1fdO_r-4unFboSy9AReeqsF-D/view?usp=share_link
 - https://drive.google.com/file/d/1ehNaRRT6WhR9-1bK6isPnw52JxcTUgKU/view?usp=share_link
 - Endpoint Security
 - Web application security and Team Conflict management
 - Kubernetes

- Virtualization
- Business Etiquette
- Cloud Foundation
- Network Security

➤ **Virtually Testing Foundation, 8450 Topanga Cyn Bld, Los Angeles, California, USA 91304**

Cyber Security Engineer Intern

02/05/2022 – 08/07/2022

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https://drive.google.com/file/d/1iDb-MO4md4WRfn5mBLj0vqyMtj684Ntz/view?usp=share_link

- Basic concepts of Cybersecurity from Microsoft
- MITRE ATT&CK Framework and Red & Blue Team
- Splunk
- Active and Passive reconnaissance, Basic Pen testing, Content Discovery Metasploit, Nessus, OWASP Top 10, Walking an application on Tryhackme
- Phishing an emails, Vulnerability, Windows X64 Assembly, and Microsoft active directory attack
- Nmap, Android Hacking, Android Malware Analysis, Linux Backdoors
- OSINT (Open-Source Intelligence)
- Manage Network Security with PFSense Firewall
- Project Management | PM101 Training Session
- Capture the Flag rooms on Tryhackme (C4ptur3-th3-fl4g & Simple CTF)

➤ **Cisco Networking Academy**

NetAcad Instructor

05/02/2021 - Present

https://drive.google.com/file/d/1dNEHIN-JATp5yAJTXpabLHAleQedbcEc/view?usp=share_link

- Delivered engaging and effective lessons on networking and IT
- Assessed student performance through exams, assignments, and other evaluations
- Created and updated course materials, such as presentations and handouts
- Promoted a positive and inclusive learning environment for students
- Stayed current with industry developments and participated in professional development opportunities
- Collaborated with other Netacad instructors to share resources and promote best practices
- Provided guidance and support to students to help them achieve their goals
- Encouraged student involvement and participation in class
- Fostered a culture of learning and continuous improvement within the course
- Provided feedback and constructive criticism to help students improve their skills and knowledge.

Career Objectives

Aim to achieve professional excellence in my career with a leading corporate, committed and dedicated people, which will help me to realize my potential to work as a key player in a challenging and creative environment.

Reference

1. **Er. Sulav Adhikari, Operation head in the department of Networking and Cyber Security,
BCS, Bharatpur, Chitwan, Nepal Mobile: +977-**

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I hereby declare that the above-mentioned information is true to the best of my knowledge and belief