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# SUMAN KAFLE

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<https://github.com/Suman99pro> ♦ <https://www.upwork.com/freelancers/~019e8b37be9a95678f>

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## PROFESSIONAL SUMMARY

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Experienced IT professional with extensive expertise in managing and maintaining Linux and Windows Server environments, including CentOS, RHEL, Ubuntu, and Oracle Server. Proficient in virtualization (VMware, KVM, OpenStack, Proxmox) and containerization (Docker, Podman) technologies, with solid skills in web hosting platforms like WHM, CWP, CyberPanel, and Plesk. Skilled in Bash scripting, troubleshooting, and delivering exceptional customer support, with experience managing networking devices from Huawei and Cisco. Knowledgeable in private clouds (Nutanix, Oracle), public clouds (AWS, Azure), and intermediate in Ansible, CI/CD pipelines, Git, Kubernetes, and OpenShift. Capable of supporting high-performance web applications using Nginx, HAProxy, and WordPress, with a basic understanding of Python.

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## WORK HISTORY

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### DevOps Trainer

Nepalaya College | Part time | Feb 2026 – Current

### DevOps Lecturer

Kathford International College of Engineering and Management | Part time | Jan 2026 – Current

### DevOps Trainer

NCIT | Part time | Nov 2025 – Jan 2026

### Freelance Linux & Cloud System Administrator

**Upwork.com** | Remote | Jan 2025 – Present

### Selected Projects:

- **Email Server Troubleshooting & Optimization:**  
Diagnosed and resolved complex SMTP issues on Plesk, cPanel, and standalone servers. Configured SPF, DKIM, and DMARC for multiple clients to enhance email deliverability and avoid spam filters.
- **Cloud Infrastructure & SSL Deployment:**  
Deployed secure infrastructure on AWS, configured HTTPS, and installed SSL certificates on hosting platforms like GoDaddy. Optimized web server performance using Nginx and Apache.
- **Control Panel Administration (cPanel, Plesk, CWP):**  
Upgraded servers from CentOS 7 to AlmaLinux, managed WHM/cPanel, resolved HTTPD crashes, and added static IPs on CWP control panels. Ensured service continuity with zero downtime.
- **Linux OS & Boot Issue Resolution:**  
Fixed critical CentOS 8 boot errors, recovered broken systems efficiently, and reconfigured bootloaders and LVM issues without data loss.

- **Private Email Server Setup:**  
Installed and configured secure, private SMTP servers for small businesses and startups. Integrated spam protection, authentication, and monitoring tools.
- **Docker & Application Deployment:**  
Deployed Docker containers on VPS environments for various web and analytics applications (e.g., TypeSense), ensuring secure access and persistent storage setup.
- **FileCloud On-Premise Server Installation:**  
Installed and configured FileCloud Server in on-premise Linux environments for secure document storage and collaboration.
- **System Monitoring & Quick Fixes:**  
Provided quick-turnaround solutions for issues like MySQL/WordPress login errors, DNS misconfiguration, and mail service disconnections on Linux servers.

### **Cloud Network Engineer, 08/2022 – 02/2025**

#### **Ningsuan Technology Nepal Pvt. Ltd. - Kathmandu, Nepal**

- Configured, managed, and troubleshoot servers, networks, and entire data centre infrastructure to ensure seamless operations
- Overseen configuration, monitoring, and troubleshooting of servers, routers, switches, and firewalls
- Managed and resolved issues related to Layer 2 (L2) connectivity and SD-WAN to maintain network performance and reliability
- Configured, monitored, and troubleshooted Kubernetes clusters and Docker containers, supporting deployment of scalable applications
- Conducted research and development on various cloud computing platforms, including SaaS, PaaS, and IaaS, to drive innovation and efficiency
- Implemented BGP configuration and deployment on huawei network equipment, optimizing routing performance
- Set up and managed hosting platforms such as CWP and WHM panels, ensuring secure and reliable hosting services
- Configured and maintained email and DNS servers to support essential communication and network services
- Implemented open-source technologies, such as Docker and Kubernetes, to enhance operational capabilities

### **Assistant Manager-IT System and Network, 02/2022 - 08/2022**

#### **Chaudhary Group (CG group) - Kathmandu, Nepal**

- Configured, troubleshooted, and managed Web Servers, Email Servers, and SAP HANA systems to ensure optimal performance and availability
- Managed and administered Active Directory Services, including user management, group policies, and security configurations
- Monitored servers and networking devices to maintain system integrity and prevent downtime
- Configured, troubleshooted, and managed Sophos Firewall, including NAT, VPN, security policies, SSL configuration, routing, and switching
- Oversaw configuration, troubleshooting, and management of DNS and Email servers, ensuring reliable and secure communication
- Planned and implemented new tools and technologies, such as IT Service Management (ITSM) systems and Security Information and Event Management (SIEM) solutions, to enhance operational efficiency
- Led disaster recovery planning and implementation in AWS, ensuring business continuity and data protection

**Data Centre Engineer**, 07/2019 - 02/2022

**Government Integrated Data Centre(GIDC)** - Kathmandu, Nepal

- Managed and administered various server environments, ensuring optimal performance and uptime
- Configured and maintained virtualization environments using VMware, Nutanix, and Oracle Private Cloud
- Led deployment and configuration of IBM AIX Servers, Oracle Servers, and Oracle PCA for enterprise-grade applications
- Spearheaded configuration and integration of DELL EMC storage solutions with rack servers
- Monitored and troubleshooted DNS, Email, FTP, and Web servers to ensure high availability
- Implemented and managed DNS-F5 devices to optimize and secure DNS infrastructure
- Automated routine server tasks to enhance efficiency and reduce manual intervention
- Played key role in network administration, including VPN creation, NAT configuration, and network device management
- Secured network and server infrastructure through effective hardening techniques and proactive monitoring using McAfee SIEM

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## SKILLS

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- Detailed knowledge of CentOS, RHEL, Ubuntu, Oracle Server and Windows Server
- Detailed knowledge of VMware, KVM, OpenStack, Proxmox, and Power Virtualization
- Detailed knowledge of Bash Shell scripting
- Detailed knowledge on web hosting platforms such as WHM, CWP, CyberPanel and Plesk
- Detailed knowledge of networking devices, particularly Huawei and Cisco
- Detailed knowledge of Docker, Podman Containers, and Private Clouds (Nutanix, Oracle)
- Intermediate knowledge of Ansible, CI/CD, and Git
- Intermediate knowledge of BGP configuration, L2 Connectivity, and SD-WAN
- Intermediate knowledge of Public Cloud (AWS, Azure)
- Intermediate knowledge of Kubernetes, OpenShift
- Intermediate knowledge of Nginx, HAProxy, and WordPress (including plugins and themes)
- Basic knowledge of Python

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## EDUCATION

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**Bachelor in Engineering:** Computer Engineering, 10/2013 - 09/2017

**IOE ERC** - Nepal - First Division

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## CERTIFICATIONS AND LICENSES

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<https://www.credly.com/users/suman-kafle>

- Red Hat Certified System Administrator, 220-003-040
- Building with the Claude API
- Certificate of completion: Introduction to agent skills
- Model Context Protocol: Advanced Topics
- Introduction to Model Context Protocol
- Claude Code in Action
- Certificate of completion: Claude 101
- Kubernetes From Basics to Guru
- Linux Security Basics and Beyond
- Microsoft Azure Fundamentals AZ-900 Exam Prep
- Introduction to Red Hat OpenShift AI
- Managing VMs with Red Hat OpenShift Virtualization
- OpenStack Administration: Control Plane Management
- Red Hat Enterprise Linux Automation with Ansible
- Getting Started with Linux Fundamentals
- Python Programming with Red Hat
- Oracle AI Autonomous Database 2025 Professional
- Oracle Database@AWS Certified Architect Professional
- Oracle Data Platform 2025 Certified Foundations Associate
- Oracle Cloud Infrastructure 2025 Certified Generative AI Professional
- Oracle Cloud Infrastructure 2025 Certified AI Foundations Associate
- Oracle Cloud Infrastructure 2025 Certified Architect Associate
- Oracle Cloud Infrastructure 2025 Certified Foundations Associate
- Oracle Cloud Infrastructure 2025 Certified Multicloud Architect Professional
- Oracle Cloud Infrastructure 2025 Migration Architect Certified Professional
- Introduction to Generative AI Learning Path
- Preparing for Google Cloud Certification: Cloud Engineer
- Preparing for Google Cloud Certification: Cloud Architect
- Oracle Cloud and AI
- AWS Cloud Technology Consultant
- AWS Fundamentals
- AWS Cloud Support Associate
- AWS Cloud Solution Architect
- DevOps Mastery

- Mastering Operating System with IBM AIX
- Akamai Customer Consulting and Support
- Akamai Network Engineering
- CUE.01 Linux Quick Certification, 24.10 exam edition
- Linux Commands & Shell Scripting Essentials V2
- Google IT Support Professional Certificate
- IBM IT Support Professional Certificate
- Google IT Automation with Python Professional Certificate
- Open Source Software Development, Linux and Git
- CCNA, CEH Trained
- Cloud Specialization IBM
- Introduction to containers with Docker, Kubernetes and Openshift
- Learning Linux For LFCA Certification, 2EWYFC6TJR84
- Network Automation Engineering Fundamentals, YKQ3LWNEWKY8
- Linux and Private Cloud Administration on IBM Power Systems
- ZOS Unix System Services
- Automation with Ansible
- Cloud-Native Development with OpenShift and Kubernetes
- Exam Prep CKA\_Certified Kubernetes Administrator
- Fundamentals of Kubernetes Deployment
- Information Technology (IT) and Cloud Fundamentals Specialization, ZMUPHVLQLWPX
- Linux Troubleshooting Course with Real Life Examples

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## LANGUAGES

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### **English**

Fluent