RABI BASNET

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PROFILE

I have a diverse background in DevOps, Cloud & network support working with tools like VMware, Linux servers, and web servers. My core expertise includes but is not limited to building & maintaining Cloud Infrastructures, CI/CD Pipelines setups and Docker handling, and overseeing networks and protocols. Besides my technical skills, **my team-building** and **planning skills** make me stand out from the rest of the others.

SKILLS & COMPETENCIES

- ❖ **Server Administration:** Linux (Ubuntu, CentOS, Red Hat), Window Server 2019, DHCP, DNS, Hypervisors (Type 1 & Type 2), Email Server (Roundcube).
- ❖ **Containerization technologies**: Docker, Kubernetes, Docker Swarm.
- ❖ **Version Control Systems:** Git, Gitlab, GitHub
- ❖ **Scripting languages**: Python, Bash, PowerShell.
- ❖ **DevSecOps Tools:** SonarQube, Trivy, Jfrog, DockerHub.
- ❖ **CI/CD Tools:** Jenkins
- ❖ **Cloud computing platform**: AWS, Digital Ocean.
- ❖ **Databases:** MYSQL, MongoDB, PostgreSQL, MSSQL Server.
- ❖ **Monitoring Tools:** Prometheus, Grafana, Uptime Kuma, Lens, Portainer.
- ❖ **Infrastructure as Code (IaC):** Terraform.
- ❖ **Web Servers:** Nginx, Apache HTTP Server.
- ❖ **VPN Configuration:** FortiGate, OpenSSL,IPSec
- ❖ **Firewall Configuration:** FortiGate
- ❖ **Network & Security Fundamentals:** Teleport, Vault, TCP/IP, ActiveDirectory (AD)
- ❖ System log monitoring and issue identification.
- ❖ Collaboration with development, security, and other teams.
- ❖ Research and evaluation of emerging technologies.

EDUCATIONAL QUALIFICATION

- ❖ Bachelor in Computer Engineering| Nepal College of Information Technology (NCIT)
  CGPA: *3.47 | (2018-2023)*
- ❖ NEB +2 with Science faculty (Computer Science) | The Times International College
  CGPA: *3.48 | (2016-2018)*
- ❖ SLC | Shree Manakamana Higher Secondary English Boarding School
  CGPA: *3.80| (2006-2016)*

❖ IT Officer | Himalayan Securities Limited [Feb 2024-Present]

- Manage and maintain IT systems, including hardware, software, and networks.
- Provide technical support to staff, troubleshooting issues and resolving IT-related challenges promptly.
- Implement and enforce IT security protocols to safeguard sensitive data and ensure compliance with best practices.
- Collaborate with project teams to assess IT needs andrecommend solutions to optimize efficiency and effectiveness.
- Stay abreast of emerging technologies and trends to inform strategic IT planning decision-making.
- Technology research and evaluation
- Assist in the procurement and deployment of IT equipment and software licenses.
- Manage the organization's MS Office 365 admin center
- Manage the organization's website
- Support the organization's communications team in preparing newsletters, promotional material, social media posts.
- Set up and maintain CCTV and digital telephonic systems.

❖ Associate DevOps Engineer | Amnil Technologies [Aug 2022 – Dec 2023]

- Design, develop, and maintain automated deployment pipelines for banking applications and services.
- Utilize technologies like Docker and Docker swarm to containerize and orchestrate applications, improving portability and scalability.
- Ensure that all deployments and processes adhere to regulatory standards, supporting internal and external audits.
- Develop and maintain automated testing frameworks to validate application functionality, performance, and security.
- Assist in building and maintaining the CI/CD pipelines to automate the software delivery process.
- Configuring Nginx, a versatile web server and reverse proxy solution.
- Environment setup and maintenance (development, staging, production)
- Automated backup and recovery procedures.
- System security policy implementation and maintenance.

❖ Linux & System Administration | Silicontech Nepal Pvt Ltd [April 2020 – May 2022]

- Install, configure, and maintain Linux systems to ensure optimal performance and security.
- Implement security measures, firewall settings, and regular updates to protect the system from threats.
- Apply patches, updates, and security fixes to keep the system up-to-date and secure.
- Engage with vendors for hardware procurement, support, and software licensing.
- Monitor performance and maintain systems according to requirements.
- Performing tasks such as creating and managing email accounts, setting up domains, and configuring security settings through the cPanel interface.
- Configuring and maintaining DNS records, including A records, CNAME records, and MX records.
- System issue identification and resolution.
- Team leadership and mentorship

ACHIEVEMENTS /CERTIFICATIONS/COURSES

- Awarded Best Minor Year Project 2022
- Certified Data Analytics from AWS Academy.
- Certified AWS cloud foundations from AWS Academy
- Winner in Hardware Project Competition at NCIT, Lalitpur.

REFERENCES

- Mr. Bikal Binod Adhikari - CEO, Silicontech Nepal Pvt. Ltd.
  Contact No. 9865050791
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- Ms. Anjila Maharjan -HR, Amnil Technologies.
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