RAMESH BASNET

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PROFILE INFO

Eager and driven individual with a passion for DevOps and Cloud Computing, excited to seize an opportunity to immerse in cloud technologies and refine skills in automation, cloud computing, and CI/CD practices. Seeking a dynamic internship to contribute actively towards enhancing and streamlining the software development lifecycle.

Training

- CCNA
  Broadway infosys

- Full Stack with Java
  Durshikshya

- Knowledge of computer networks, servers, and networking protocols.
- Good understanding of cloud computing concepts and platforms (e.g., AWS, GCP),
- Hands-on experience with virtualization technologies such as VMware, vCenter, and vSphere.
- Familiar with containerization tools such as Docker.
- Knowledge of SDLC and its phases: requirements, design, development, testing, deployment, and maintenance.

Projects

- Cloud Projects

- Deployed a web application on Amazon EC2 with AWS Cloud9 and Secrets Manager, created an AMI, and deployed a second instance in a different AWS Region for production.
- Migrated a MariaDB database from an EC2 instance to Amazon RDS, using mysqldump for data export and SQL client for connectivity. Configured a web application to use the RDS database for future data storage.
- Built and managed Docker images, pushing them to Docker Hub and AWS for deployment.
- Configured a scalable environment with Elastic Load Balancing and EC2 Auto Scaling, using a multi-AZ VPC, Application Load Balancer, launch template, and metric-based
- Auto Scaling.

Experiences

- Network/System Engineer
  LIS Nepal: Promoted from intern.
  Manbhawan,Lalitpur

- Junior System Engineer:
  Cloud Himalaya

EDUCATION HISTORY

Bachelor in BSC.CSIT

New Summit College | 2018-2023

- Member of Society of InformationTechnology Students(SITS)
- Organized Techtrix 2022 i.e. a nation wide tech event

+2 in Science

V.S Niketan College | 2015-2017

Knowledge

- Operating Systems: Linux ,Windows
- Cloud Platforms: AWS
- Database Management
- Virtualization and Containerization
- Monitoring and logging - Zabbix
- Configuration management - ansible
- Shell scripting using Bash
- Version control - Git,GitHub
- Networking: TCP/IP, DNS, VPN, Firewall, Load Balancing, VPC
- Strong teamwork, communication, and documentation skills.

Other Skills

- Problem Solver
- Fast Learner
- Team Player
- Detailed oriented
- Flexibility, Adaptability

Interests

- Games
- Security
- Cars and gadgets
- PC Hardwares
- Block chains