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|  | **Dipak Nepal**  **deenepal71@gmail.com • Virginia, USA**  **703-203-0334**  **OBJECTIVES:**  **As an experienced System Administrator with expertise in AWS Cloud and Linux-based environments, I specialize in managing, configuring, and troubleshooting server infrastructures. With a strong background in cloud architecture and IT infrastructure management, I am skilled in deploying and managing EC2 instances, configuring Elastic IPs, and optimizing cloud storage solutions. I am looking to contribute my technical skills and hands-on experience to a dynamic System Admin role where I can help optimize IT operations, security, and performance."**    **Core Competencies Section:**  **Updated Core Professional Competencies:**   * **Cloud Services: AWS (EC2, S3, Elastic IP), Azure, Cloud Security** * **System Administration: Server Configuration, Monitoring, Incident Management** * **Operating Systems: RHEL, CentOS, Windows Server, Linux** * **Network Management: DNS, DHCP, Routing, VPNs, IP Addressing** * **Security & Backup: Firewall Configuration, Data Backup, and Recovery** * **Automation Tools: AWS CloudFormation, Bash Scripting, PowerShell, Terraform**   **Monitoring Tools: SolarWinds, Nagios, AWS CloudWatch as well as Aws Services or Resources.**  **Execute Cisco Umbrella on the AWS cloud.**  **Monitor all the resources from SolarWinds.**  **SharePoint.**  **ServiceNow for the Tickets.**  **Python scripting languages.**  **Education:**  **Bachelor of Arts at Tribhuvan University. Nepal.**    **Experience Section:**  **Virginia Department of Motor Vehicles - cloud System Specialist III**  **July 2015 to August 2024**   * **Supervised and managed server infrastructure for the department, ensuring smooth operations and high availability.** * **Troubleshot and resolved issues related to cloud-based applications, providing timely solutions for mission-critical systems.** * **Worked on the design and implementation of cloud storage solutions, improving data accessibility by 30%.** * **Assisted in configuring and maintaining network systems, including IP address management, firewalls, and security protocols.** * **Ensured the high availability of critical applications by implementing backup solutions and disaster recovery plans.**     **Virginia State University – Cloud Service System Engineer**  **October 2024 – Present**   * **Lead the migration of VMware environments to AWS, utilizing AWS Workspaces, EC2, and S3 to streamline operations and enhance scalability.** * **Implemented DNS configurations and increased server storage (EBS) to meet business requirements.** * **Collaborated with IT teams to monitor cloud-based resources using AWS Trusted Advisor and CloudWatch, improving system performance and availability.** * **Managed and updated EC2 instances, ensuring optimal performance by performing regular maintenance and scaling resources.** * **Participated in the Gameday-Cloud Medium event with AWS, gaining practical experience in real-time cloud operations.**   **Project Section:**  **Example Project: AWS Cloud Migration for Virginia State University**   * **Migrated legacy systems from on-premises VMware to AWS EC2 instances, ensuring cost-efficiency and scalability.** * **Utilized AWS CloudFormation to automate server provisioning and configuration, reducing setup time by 40%.** * **Implemented real-time data backups using AWS S3 and EC2 snapshots, ensuring minimal downtime.** * **I migrated from GB2 to GB 3 Volumes.**   **NetApp Cloud Volumes ONTAP (CVO), on AWS Native (on coming project).**  **I\*implemented geolocation functionality has been added to the application access.**  **\*Cost-optimized project .**  ***Certification***   * **Certified of AWS Cloud Practitioner** * **Certified of Oracle Cloud Infrastructure Foundation Associate 2023.** * **certificated of *AWS Sys Ops Associate Certification.*** * **Certificate of AWS Solutions Architect-Associate.** * **Certificate Of COMPIA SECURITY+**   **Certificate Of Microsoft Networking and Cloud Computing.**   * ***Certificate of IBM Networking and Storage*** * ***Certificate of Microsoft Computer and Operating Systems and Security***   **Certificate Of Coursera Linux: process and System Resource Management for Dev Ops.**  **All the information mentioned above in this resume is correct to the best of my knowledge and belief.**  ***My summarize project link: please go to Download Zip or https***  ***https://github.com/deenepal71/my-projuct-of-the-job-.git*** |