**Andra Surya Kumari**

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[GitHub](https://github.com/Surya-githu/intellipaathsurya/blob/main/Surya%20Kumari.CV.docx)

**SUMMARY**

Designed and implemented Windows Azure IaaS projects, configuring VNETs, storage, availability sets, and load balancing. Managed Unix servers, SQL databases, backups, and technical process documentation for seamless operations. Provided expert Azure IaaS support, resolving complex issues and ensuring SLA compliance via ServiceNow. Delivered clear business communication, exceeding customer expectations in dynamic, fast-paced environments.

**SKILLS**

**Scripting:** Linux Shell scripting | Declarative pipeline | YAML | HCL

**Tools:** Git | Jenkins | Docker | Ansible | Terraform | Kubernetes

**AWS Services :** EC2 | VPC | S3 | IAM | Lambda | Elastic Beanstalk | CloudFormation | SNS | SQS | SES | CloudWatch | CloudFront | CloudTrail | Route 53

**AZURE Services :** VNET | VM | Storages | Back UPs| Load Balancer| Azure AD| Azure Monitoring |Azure RBAC|

**PROJECTS**

**Reviewing S3 Lifecycle Policies and Cleaning-up the unused data — AWS S3**

• Evaluated data size stored within buckets accurately by leveraging AWS CLI, **CloudWatch**, and **S3 Storages**

• Drove significant cost savings by determining **optimal retention periods** for objects across various S3 Storage Classes.

**Allowing EC2 Machines to be logged in using IAM Roles— AWS EC2, IAM Roles, Session Manager**

• Configured IAM permissions for EC2 Instances to enable login via **Session Manager**

• Maintained instances in Private Subnet and **eliminated unnecessary SSH ports** from Security Groups

**Devops Lifecycle implementation project.**

• Spearheaded the implementation of a Git workflow for monolithic architecture, initiating **codebuilds upon commits to the master branch**; containerized using a Dockerfile and deployed onto a Kubernetes cluster on Nodeport 30008

**AWS Multi-tier website deployment**

• Employed AWS EC2, Autoscaling, and CloudFormation to establish VPC connectivity and host **SNS messaging**

**CI/CD Project.**

• Streamlined image deployment pipeline on Docker Hub and executed subsequent deployment on Kubernetes clusters via **Mave, Jenkins, Docker, and Kubernetes** to enhance operational efficiency.

**Azure Configuring, and managingVMs,Storage Accounts,Azure RBAC,Disk Extentions,BackUp,Restore,Vnets,Load Balancing.**

**PROFESSIONAL EXPERIENCE**

**Cognizant**

*Azure Administrator Hyderabad* June'21 - May '24

* Configured backups in Azure for VMs and applications.
* Collaborated with customers to gather requirements, ensure documentation, and clarify needs through regular interactions.
* Managed ServiceNow activities, including SLAs, Service Catalogs, and coordinated multi-team projects for efficient issue resolution.
* Deployed and configured Azure VMs, NSGs, storage, networking, and backups to enhance cloud security and performance.
* Participated in review meetings, ensuring seamless operations and continuous service improvement.

*Software Engineer Hyderabad* Apr'19 - May'21

* Developed and deployed CIS Live Modernization Applications in Azure DevOps, ensuring seamless integration.
* Conducted unit testing, debugging, and defect resolution to maintain high code quality.
* Fixed SIT defects and provided ongoing support for optimal performance and reliability.

**EDUCATION**

* **Aditya Engineering College (**Percentage:74.71%) | Kakinada Apr '15 - May '18

*Bachelor of Technology (Computer Science & Engineering).*

**CERTIFICATIONS**

* Completed AZ-900(Azure Fundamentals) Certification.
* Completed Devops Course in intellipaat**.**