DILIP KUMAR

CLOUD SOLUTION SPECIALIST

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SUMMARY

With around 7 years of expertise in Cloud Computing (AWS/Azure), cloud migration, and adept proficiency in Linux & Windows Server Administration, I excel as a Cloud Engineer III at Hanu Software (now part of Insight). Known for my quick grasp of new technical concepts and effective communication skills, I bring value to any team with a commitment to excellence and a passion for innovation.

EXPERIENCES

Dec-2022 to till Date

Hanu software (now part of Insight)
Role: Cloud Solution Specialist

Client Name

Johnson & Johnson
AWS and Linux Project Engineer (Dedicated ongoing project by Insight) Labvantage LIMS application

AWS Infrastructure Management:
- Designed & implemented scalable, secure AWS infrastructure (EC2, S3, RDS, Lambda, Backup, ELB).
- Implemented WAF & Shield, IAM roles & policies for access control & compliance.

Linux Server Administration:
- Oversaw Linux server administration for optimal performance & security.
- Managed updates, patching, and configured Apache, Nginx, MySQL.

Automation & Scripting:
- Developed Bash scripts for task automation & CloudFormation templates for provisioning.
- Implemented AWS CloudWatch monitoring for issue resolution.

Collaboration & Client Support:
- Provided technical support & conducted knowledge sharing sessions.

Infrastructure Deployment, Management & Migration:
- Deployed, managed & migrated infrastructure using Azure tools.
- Utilized Azure networking, security, IAM, automation, and troubleshooting.

SKILLS

Amazon Web Services:
- Managing security groups, NACL, WAF.
- Configuring EC2 instances, ALB, ASG.
- Experience with S3 services.
- File system management using EBS volume, EFS.
- Creating and managing Auto Scaling.
- Applying policies using IAM.
- Migration using MGN & DMS.
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Microsoft Azure:
- Setting up and configuring Virtual Machines.
- Configuring VNETs and NSGs.
- Using Azure Migrate Tool for server migrations.
- Managing storage accounts.
- Implementing AD Connect.
- Migration using Azure Migrate.

Domain Expertise & Solutions
- Windows Server Administrator & Linux System
- Amazon Web Services, Microsoft Azure
- Migrations

System Administration Skills:
Windows Environment:
- DNS, DHCP, ADDS, IIS, GPO, FTP.
- Installation and Administration of all Linux flavors & Windows
- Windows User and group management.
- Package Management using RPM and YUM.
- Process and Job Management
- Automating tasks using crontab.

Operating Systems: Linux & Windows
Monitoring Tools: Site 24*7, Status cake
Tools: Zoho, Service Now, Putty & WinSCP

EXPERIENCES

Jan-2022 to Dec-2022

LoanTap Financial Technology Pvt Ltd
Role: Cloud Specialist

- Proficient in handling WordPress, databases, PHP, web servers (Nginx, Apache), and Redis-Server.
- End-to-end support and troubleshooting for applications, databases, and AWS infrastructure.
- Creating, hosting, and managing websites.
- Managing Cloudflare and optimizing AWS costs.
- Expertise in migrating DB and web servers from On-Prem to AWS Cloud.
- Proficient in creating and managing WAF, ALB rules, Route53, etc.

Mar 2020 to Jan2022

Rapyder Cloud Solutions India Private Limited
Position: Team Lead-Cloud Operations

- ITIL-compliant ticket handling with Windows and Linux admin experience.
- Expertise in AWS services (EC2, Route53, IAM, S3, etc.).
- Designing and executing cloud migrations.
- Configuring secure AWS environments (VPCs, subnets, security groups).
- Setting up load balancers and auto scaling for cost efficiency.
- Managing MySQL, Apache, and Tomcat installations.
- Troubleshooting CloudWatch, EC2, VPC issues.
- Implementing cost optimization and backup strategies.
- IAM role management and EBS volume adjustments.
- DNS management via Route53.
- RDS instance creation and management.

May 2017 to Mar 2020

Cerebra Integrated Technology Ltd.
Position: System Engineer

- Proficient in Microsoft Azure system support, including SQL Server, Virtual Machines, SQL Databases, and various Azure services.
- Experienced in system configuration, database migrations, backup, recovery, performance tuning, and disaster recovery on Azure.
- Skilled in configuring failover clusters, hypervisor technologies, and managing domains, DHCP, Group Policy, and DNS.
- Installation, configuration, and administration of Microsoft Windows Server and networking essentials.
- Hands-on experience with Cisco networking equipment and Fujitsu storage systems.

EDUCATION

Annamalai University

2022 | MCA

Annamalai University

2020 | BCA

BSF institute of technology

2017 | Diploma in CSE

PROJECTS

Biryani By Kilo
Implemented AWS solutions using EC2, S3, EBS, Route 53, RDS, and Aurora, working across multiple AWS accounts. Designed, deployed, and operated highly available, scalable, and fault-tolerant systems using AWS.

Navi (Financial company) Migration
Application migration from on-premises to AWS Cloud through AWS Migration Hub service, creation of landing zones, cost estimations, discovery & assessment, configuring default parameters such as backup, monitoring, and patching, ALB, ASG, High avalibility, Guarduty etc.

ServicePlus - Database Migration
Database migration completed from Rackspace to AWS RDS using the AWS Database Migration Service (DMS) tool. Successfully optimized the costs of the existing AWS account, resulting in a savings of $1500.

National Institute of Mental Health & Neuro Science (NIMHANS)
Set up new infrastructure following AWS best practices and utilizing services such as VPC, IGW, NAT, Route 53, CloudFront, RDS & Global Accelerator. Establish a Linux environment with WordPress, PHP, Nginx, and Redis Server installed initially.

Satish Dhawan Space Centre (SDSC) SHAR – ISRO (VDI PROJECT)
Implemented VDI project with VM Exsi, VCenter, and VM Horizon for 100 clients connected to Dell Wyse Thin Clients.

INDIAN AIRFORCE MINISTRY OF DEFENCE
Installed and configured Windows Server 2012R2 Standard and RAID-5 on Fujitsu servers. Set up domain, Hyper-V, failover clustering, and managed racks and storage connections.