



# 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**

Project Name                      **Johnson & Johnson**  
**AWS and Linux Project Engineer (Dedicated ongoing project by Insight)**

### **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 **LoanTap Financial Technology Pvt Ltd**  
to  
Dec-2022 **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 **Rapyder Cloud Solutions India Private Limited**  
to  
Jan2022 **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 **Cerebra Integrated Technology Ltd.**  
Mar 2020 **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 availability, 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.