



**ARUP THAKURIA**  
**AWS CERTIFIED CLOUD Engineer**  
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## Profile Summary

- 12+ years of total IT experience as an AWS Cloud Migration Specialist, Cloud Consultant, Project Manager, Linux Admin, System Analyst and Operations Engineer,
- Currently playing a key role as a Cloud Migration Specialist for a leading Indian Bank to migrate the entire on premise infrastructure to AWS Cloud which involves Migration Planning & Cutover Strategy, risk mitigation, support in performance testing, business validation & transition to the operations Team. It's a large-scale migration project having 400+ servers.
- Consultant responsible for Solutioning and performing POC to help organizations migrate from Legacy platform to Private Cloud.
- Consultant responsible for Solutioning and performing POCs for EKS setup for Unmanaged node, Integrating AWS Code Commit with AWS repository, IAM policy to restrict Master Branch etc.
- Proficient in operating open stack Cloud via Horizon Dashboard and CLI.
- Knowledge on various services provided by AWS public cloud, EKS, ECS, Lambda, ALB.
- SPOC for setting up DCs for multiple PSUs in India.
- SPOC for end to end support to implement and maintain the entire platform for 3G projects.

## Core Competencies

• Cloud Migration	• System Administration	• DC Setup & Configuration
• Disaster Recovery	• Automation in AWS (Cloud formation, Lambda)	• Private Cloud Setup
• Storage Area Network	• Unix Platform	• Installation & Configuration
• Procurement	• Change Management	• Knowledge in tools used for Devops
• Stakeholder Management	• PSU/Telecom/Automobile/Banking	• ITIL
• Server Implementation and Decommissioning	• Production Support	• Google Cloud

## Technologies & Tools

- **Cloud Technologies:** AWS, RHEL Open Stack administration, **Good understanding of Server less Architecture for AWS(SAM), Direct Connections, Transit Gateway for AWS.**
- **DevOps Tools:** Docker, Ansible, GIT, Kubernetes, Jenkins, maven, gradle.
- **Cloud Tools:** Cloud Endure, EC2 Rescue Tool
- **UNIX Platform:** LINUX, Oracle Solaris 9 & 10, HP-UX.
- **Servers:** E2900, V890, V880, V490, V480, V440, X4240, X4640, M3000, M4000, T2000, T5210, HP IntegrityBlades860ci2, 870ci2, 890ci2, Proliant G7 servers
- **Storage:** SUNStorageTek6140.6130, SUNStorage3300, 3500, 2540, T3, IBM Storage, SUNUnifiedstorage7410, HPEVA6400, 4400, 8100, 8400, MSA P2000, HP3PAR.
- **Virtualization:** HP Integrity VM4.5, 6.1, 6.2, LDOM, Oracle zones, RHVM
- **High Availability:** HP MCSG, SUN Cluster3.1, 3.2, RHEL cluster, Veritas Cluster Basic,
- **Tape Library Storage:** Quantum M1500, Dell Power Vault 132T, HP MSL8096
- **Backup Device:** LTO, DAT 72, Quantum 1500, C4 Tape Library.
- **Backup Software:** SUN EBS for C4 Tape library, Networker 7.5 & 7.6
- **SAN Switch:** Brocade & Mcddata, zoning & mapping, CISCO MDS
- **Volume Manager:** SVM, Veritas (VXVM), LVM.

## Certifications and Achievements

- AWS Certified Solution Architect-Associate
- AWS Certified Solution Architect-Professional
- Red hat Open Stack Administrator
- IBM AIX 7
- SUN Certified Network Administration.
- HP-UX Certified
- HP-UX Service Guard Certified

## Strengths

- Take Ownership and willingness to explore new areas of working
- Open to learning and working on new technologies
- Flexible and good team player.

- Excellent at project execution and delivery.
- Strong troubleshooting skill.

### Education

- Bachelors of Technology (Electronics & Telecommunication)

AMIETE

### Organizational Experience

## Wipro Technologies MAY 2017 – PRESENT

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**Roles Performed:** Cloud Migration Specialist

### Responsibilities:

- Implemented cloud endure projects with correct set of tokens, blue print settings as well as replication settings to ensure successful replication and conversion of on premise servers to AWS.
- Implementation of **staging area** disks, proper Instance Type for Replicated Instance for smooth replication.
- Configuration of **Patch Manager** to handle patching of cloud instances through **SSM**.
- Configuration and set up of **System Manager** for cloud instances.
- Preparing **CFT** templates to automate cloud infrastructure like **EFS, EC2** and **AMI**.
- Automate **AMI backup** for instances by using **CFT** launching **Lambda function** in Python environment.
- Automate instance stop & start for whole infrastructure by using **System Scheduler** service.
- **Cloud Watch** Monitoring and **Dashboard Configuration**.
- Maintaining the security norms as per guidelines from CRS Team.
- Close Collaboration with **AWS TAM** for Solutioning on a day to day basis.
- Responsible for ensuring the migrated application availability and performance.
- Ensure Instance security at the instance level by having the correct set of SG rules both for Inbound & Outbound, NACL.
- Cutover low-level planning during migration to Cloud.
- Trouble shooting **Nitro Instance Issues using EC2 rescue & AWS CLI**.
- **S3 Encryption & Versioning** for all the accounts in AWS.  
**S3 Life Cycle** management & Inventory Collection
- Maintaining proper encryption keys across whole Landing Zone Environment.
- Maintaining an **unmanaged EKS cluster**, deployed **Prometheus & Grafana**.
- **Providing read only access to user through RBAC for existing EKS cluster**.
- Replicated Instances in different Availability Zones for testing.
- Provided POCs for private cloud by using Open stack all in one platform.
- SPOC for PSU projects in entire the North-Eastern Region for Infrastructure implementation and Operations.
- Implementation of DC setup for North-East region in India for **Indian Air force Project**.

## Accenture Services Pvt. Ltd. Nov 2014-May 2017

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**Roles Performed:** Senior IT Analyst

### Responsibilities:

- Responsible for providing remote support for DCs physically located in France & the UK. This project comprises of large number of physical servers based on UNIX platform like Solaris, AIX, HP-UX, and Linux.
- Responsible for Migrating On-Premise Infrastructure to Hybrid Cloud RedHat Open stack orchestrated by Ansible & Cloud Form for Internal Domain and AWS for External Domain.
- Support dev, test & production environments on a day to day basis. Performed weekly patching activities for the Linux VMs which were hosted on VMware platform.

- Handled the E2E Change management process for implementing CRs across environments.

## Hewlett Packard DEC 2012 – NOV 2014

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**Roles Performed:** Technical Specialist for Multivendor product

**Responsibilities:**

- Responsible for providing solutions for MVS products like Solaris, IBM AIX.
- Maintaining the entire Solaris Stack for Ericsson client.
- Responsible for maintaining DC infrastructure operations on day to day basis.
- Responsible for Preparing RFC for production changes & get it approved in CAB meeting.
- Maintaining the operations for Veritas Volume Manager, Legato Networker.

## Industry Experience Summary

Organization	Project	Domain	Role	Duration
Wipro Technologies	HDFC AWS Migration Indian Air Force	Banking/PSU	Tech Lead	May2017 – Till Present
Accenture	Infrastructure Support for Renault Nissan	Automobile	Sr. Analyst	Nov 2014- May 2017
Hewlett Packard	Ericsson 3G	Telecom	Technical Specialist	Dec 2012 – Nov 2014
Wipro Infotech	North East Project	Telecom	Support Engineer	Feb 2009- Dec 2012
CMS	FMS	Platform & Storage	Support Analyst	Aug 2008 – Feb 2009
Accel Frontline	FMS	Platform & Storage	Support Analyst	Aug 2007 -Jul 2008
Hue Service	FMS	Platform & Storage	Support Analyst	Jan 2007- Jul 2007