Naval K Sarda---703 348 4884

# Summary: -

IT professional with 18+ years of experience in IT operations and cloud migrations, specializing in Amazon webservices (AWS) architecture. Skilled in designing and deploying scalable, cost-effective cloud solutions and infrastructure automation. Strong expertise in DevOps, security, and agile methodologies. Proven success in optimizing cloud-based infrastructures for high availability and efficiency.

# Technical Skills: -

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| --- |
| **Cloud Computing:** AWS- S3, EFS, EC2, VPC, Load Balancer, IAM, Security Group, Cloud watch, Performance Insights, cloud trail and many more. |
| **CI/CD Tools:** Jenkins, GIT, Bitbucket | **Monitoring:** Prometheus |
| **Configuration Management:** Ansible, TerraformCloudFormation | **Container Technologies:** AWS ECS, Docker,Kubernetes |
| **Job Scheduling:** Cron | **Databases:** DB2, PostgreSQL |
| **Scripting:** Shell Script, Python Script |  |
| **Others:** IBM WebSphere, Apache (HTTP), Confluence, SQL Queries, Solaris, IBM AIX, Linux, Unix |

**Certification: -**

AWS Certified Solution Architecture Associates IBM DB2 Certified Database Associate (V8 and V9)

# Education: -

Bachelor of Technology (Computer Sciences and Engg, CSE) From University of Rajasthan, Rajasthan India -May 2006

# Professional Experience: -

# LUXOFT USA INC, Albany ,NY,USA(Sept 2021 – Sept 2024)

# AWS Cloud Migration and Architect (Early Resolution)

* Involved in Tracking, Daily Status from all teams on day-to-day tasks, executing a comprehensive cloud migration project, building end-to-end infrastructure and reducing costs by 30% through strategic planning and resource optimization.
* AWS Certified Solutions Architect, skilled in setting up AWS infrastructure, including IAM, VPC, EC2, Security Groups, S3, Lambda and many more, implementing best practices for cloud architecture.
* Proficient across the Software Development Lifecycle (SDLC), with a focus on cloud automation using open-source DevOps tools like Jenkins and Ansible for efficient build, release, and deployment processes.
* Hands-on experience with Docker, Kubernetes, and ECS container services, successfully deploying container images in cloud environments for seamless application management.
* Created and managed S3 buckets, implementing lifecycle policies for data archiving to Glacier and optimizing storage solutions for backup and disaster recovery.
* Automate infrastructure provisioning and management using Ansible, Terraform, and CloudFormation.
* Built and maintained Disaster Recovery (DR) environments in AWS, actively participating in fail- over testing to ensure reliability and readiness.
* Implement monitoring and alerting systems with Prometheus to track infrastructure health and detect potential issues.
* Monitor performance, availability of AWS resources, investigate incidents with CloudWatch, Cloud Watch logs, Performance Insights, cloud trail and custom metrics.
* Deployed and managed Kubernetes clusters, facilitating containerized applications and managing Pods for efficient scaling and load balancing.
* Troubleshot a wide range of AWS services, resolving issues related to application architecture and ensuring smooth cloud operations.
* Collaborated with internal teams to create the migration process of multi-tier applications to the AWS cloud.
* Experience in migrating and implementing Multiple applications from on-premises to cloud using AWS services like CloudFormation, S3, Route53, EC2, SQS, SNS and VPC.
* Designed AWS Cloud Formation templates to create multi-region Web applications and databases.
* Good Experience in Shell, Bash, and Python Scripts for automation and scheduling job by cron.
* Monitor and troubleshoot Cron jobs to ensure timely execution and resolve any failures or delays.
* Set up and managed CI/CD processes across various environments (UAT, PROD) facilitating both cloud-based and on-prem deployments.
* Implemented Blue-Green deployment strategies, automated build and deployment process with Code Deploy, and Jenkins, eliminating 85% of manual work

#  HCL America Inc, Dallas, TX (Sept2018 to Aug 2021)

#  (Senior Technical Lead and Architect) (Early Resolution)

* Delivered Banking application on new private cloud solution provided by IBM (IBM Pure app
* machines)
* Application migration and modernization
* Key player in Cloud infrastructure architect, planning, transition, deployment
* Successful client hand over of application after cloud migration
* Setting up Webserver, middleware WebSphere and application deployment
* Operation and process optimization for cloud migration
* Exposure to Configuration management tool like Ansible
* Exposure to new build and automation tool Jenkins.
* Production support for highly available banking mortgage application (24\*7)
* Opening tickets and working with any ongoing app related issue
* Technical and functional analysis of Banking Application and solution recommendation
* Closing working with Dev, BAs, Production Support and Operations team for successful migration

#  Celeriti FinTech – India and USA ,Dallas, TX (CFT) ( Sept 2016 to Sept 2018)

#  (System Program Analyst and Cloud Support) (Early Resolution)

* Successfully migrated on-prem application to IBM Cloud Pak (IBM Pure app)
* Key player in Cloud infrastructure architect, planning, transition, deployment
* Successful client hand over of application after cloud migration
* Setting up Webserver, middleware WebSphere and application deployment.
* Operation and process optimization for cloud migration
* Exposure to Configuration tool like Ansible to automate the deployment process
* Technical and functional analysis of Banking Application and solution recommendation
* Closing working with Dev, BAs, Production Support and Operations team for successful migration

# CSC India PVT LTD (Oct 2007 to Mar 2016)

# ( Senior Software Engg, Professional Program Analyst (and many other roles))

# Project:-

1. **Early Resolution (A default lending Web base mgmt Solution) (Dec 2009 – Mar 2016)**
2. **Check Vision (Image Archival Solution) (Nov 2007 to Nov 2009)**
* Deploying scripts on UAT & PROD environment according to application requirement.
* Coordinating with Operations, BAs, testers, and developers for all on going issues.
* Planning and executing, DR activities, weekly weekend support etc.
* Monitoring server activities. Sever load, Sever logs, Backup etc.
* Observing memory, CPU utilization on, disk utilization on, locks, deadlocks and runtime of queries
* SQL query optimization, creating indexes, Database growth monitoring.
* DB2 installation, patching, db movement as needed
* Data purging and cleaning up as needed by business.
* Good hands-on tool and utilities with respect to DB2 like db2advise, db2top, db2pd, Reorg, Runstats db Backup, Restore etc.
* Overseeing jobs management, Job Automation through crontab, alert monitoring and incident handling
* Weekly maintenance related to database and data housekeeping
* Create new user policies as prescribed.
* Daily reporting and documenting various processes.
* Scanning logs for ongoing issues, ticket triage and bug fixing.
* Performing DDL, DML and DCL SQL statement.

# ST Infosys Pvt Ltd (Aug 2006 to Sept 2007)

#  (Database Administrator and Software Engg)

# Project:-

1. **EDI Data Management**
2. **Health Management System (Health Care Invoice System)**

Roles and Responsibilities: -

* 24\*7 support for PROD/UAT/DEV/ for application and Db2 database.
* Deploying scripts on UAT & PROD environment according to application requirement.
* Create new user policies as prescribed.
* Daily reporting and documenting various processes.
* Scanning logs for ongoing issues, ticket triage and bug fixing.
* Performing DDL, DML and DCL SQL statement.