SUMANT KUMAR

Cell: - 9953815440
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Total Work Experience: - 10 Years

Cloud Architect

Summary

- Producing Impact Analysis specifying solution options, benefits, and cost of each option.
- Work Collaboratively to build robust relationship within business areas and technical teams, communicating with them to ensure successful delivery.
- Have demonstrable experience working closely with defined architecture patterns and
- standards to create a roadmap for a platform.
- Extensive experience of producing the AS-IS and TO-BE business processes to derive the Gap Analysis information and deliver functional and reporting requirements.
- Good understanding of relevant techniques areas like; Amazon Web Services (AWS) (e.g. VPC, EC2, RDS,Lamba,AWS DMS,S3,Cloud Trail/Watch etc.) and involve in designing target cloud architectures.
- Consulting with business, application and infrastructure teams and providing technical expertise to facilitate the smooth commissioning and transfer of existing (or build of new) workloads into the cloud using the latest technology (AWS/Azure).
- Planning for DR & BCP intake of planned RTO & RPO
- Making DR strategy by using required and recommended Global replication software & Tools
- Experience in DR & BCP validation.

Technical Certification:

- ➢ AWS Certified Solution Architect
- ➢ AIX Certified Engineer – AIX 5.3
- ➢ Attended Training for Power HA

Skill Sets:

Operating systems: RHEL, AIX

Cloud: Amazon Web Services

Orchestration Tools: Kubernetes , Terraform

Container: Docker

SCM Tool: Git Hub

Automation Tool: Ansible Tower

Scripting: Bash,

DevOps Tools: Jenkins

Monitoring: CloudWatch, BMC Patrol

Professional Experience:

Designation: Cloud Architect

Company Name: IBM India Pvt Ltd

Duration: Nov 2016 To Till Now

Responsibilities include:

• Part of Cloud Architecture Team of 10 Cloud Architects to design and provide Cloud
  Solutions.
• Architected high level and low-level design, implemented & migrated the workloads on
  AWS cloud for multiple clients.
• Engaged customer architecture design team and secured approvals on the design.
• Assess the time and effort required to migrate the servers on cloud.
• Running discovery sessions for each server and document the gap between the
  requirements.
• Technical delivery and design of the underlying global cloud platform.
• Engaged on a weekly basis with Peers and customer for preparing a Cloud Operating
  model of the hosted applications within cloud.
• Educate customers of all size on the value proposition of managed services on AWS, and
  participate in architectural discussions to ensure solutions are designed for successful
  deployment in the cloud.

Designation: Senior System Engineer

Company Name: Tech Mahindra Pvt Ltd

Duration: Oct 2014 to Nov 2016

Responsibilities include:

Managing Linux and AIX servers and Application located in Data centre and Amazon (EC2).

• Managing 300+ Linux Severs in AT&T datacentre and Amazon(EC2)

- Coordinating with development team to resolve issues
- Creating Application and application dependencies like Apache, Java, perl and python   modules as a package for bringing up new servers faster.
- Focal point for communicating with other teams like Infra and Application.
- Managing Amazon servers (ELB, Cloudfront, S3, Rout53)
- Setting up servers and adding servers to load balancer when required.
- Writing BASH script for monitoring the application services and critical logs

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- Coordinate with team members to resolve the issues with priority
- Remote administration using Ftp, SSH
- Package Management using yum, rpm and source installation
- Managing User & Group accounts
- Configuring Network File Sharing Service (NFS)
- Configuring LVM on the server
- Managing DNS, Apache Server

IBM India Pvt Ltd   (Oct '12 – Oct '14)

Client – Ameriprise Finance

Key Deliverables

Linux and AIX administrative skills:

- Installation of operating systems like Linux, AIX
- Package Management using YUM/RPM and Source Installation
- Managing User and Group accounts
- Used with Process Management
- Configuring Network File Sharing services
- Configuring DNS and LAMP servers
- Kernel tuning like installing kernel modules and setting kernel boot parameters.
- Security using IPtables, TCP Wrappers
- Job Scheduling using cron
- Managing partitions and File systems, knowledge in physical volumes, logical
- volumes & volume groups extending (LVM)
- Knowledge on Raid 0, 1, 5 ,10

Tech Mahindra (Noida)   **(Feb '10 – Sept '12)**

Client – AT&T USA

Key Deliverables

- Solid experience in installation, configuration, troubleshooting and administration of AIX Server.
- Liable for monitoring, Error logging, Diagnostics, Dumps and Fine-tuning
- Accountable for monitoring and logging functions, User/Group administration.
- Backup and restoration of data using mksysb and tar etc
- Involved in remote server administration using HMC, SSH and TELNET
- Creating Shell scripts to update the server configuration and automate the services verification steps.
- Scan the server and verify the basic security features.
- Interact with the Build and Application team and get the updates on new services.

WDC PVT. LTD   **(Jan'09- Jan '10)**

Systems Engineer (Reporting to Project Executive Manager)

Project Title   **: IBM CBDT (Central Board of Direct Taxes)**

Client   **: IBM India Pvt. Ltd.**

Platform/OS Used   **: AIX**

Description:

IBM India offers integrated infrastructure solutions to CBDT's three datacenter in Delhi, Mumbai and Chennai and providing the facilities management services for the Income Tax Department across 745 offices throughout India. This project has created a standardized ecosystem through a single database available to all CBDT offices across India.

Personal Profile:

Name: Sumant Kumar

Father's Name: Anil Kumar Giri

Date of Birth: 04 September 1983

Education   Bachelor In Computer Application

Gender: Male

Nationality: Indian

Marital Status: Married

Languages Know: English, Hindi
Declaration:

I hereby declare that all the details mentioned above are true. All supporting documents will be provided on demand.