Resume

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Summary:

Experienced Cloud & DevOps Architect with over 23+ years of expertise in designing, implementing, and optimizing scalable cloud infrastructure and DevOps pipelines. Proficient in leveraging cloud platforms like AWS, Azure, and Google Cloud to drive digital transformation and enhance operational efficiency. Strong background in Cloud Migration, automation, CI/CD, containerization (Docker, Kubernetes), and infrastructure as code (Terraform, Ansible). Adept at collaborating with cross-functional teams to deliver reliable, secure, and cost-effective solutions. Outstanding motivator and builder of teams. Works well in both team environments and individual assignments. Successful in meeting new technical changes and finding solutions to meet the needs of the customer. Strong Customer centric approach with excellent analytical, Coordination, presentation, and leadership skills.

Technical Certification:

AWS Solution Architect Certified- Professional

AWS Certified DevOps Engineer - Professional

Azure Solution Architect Expert

SRE (Site Reliability Engineering) Certified

HashiCorp Certified: Terraform Associate (003)

Google Cloud Certified Professional (GCP)

CERTIFIED CHAOS ENGINEERING PRACTITIONER

FinOps Foundation-FOCUS Certified

Certified CHAOS Engineering Practitioner

Dockers Certified Associate (DCA)

VMware Certified Professional (VCP)

Skills

- **Cloud Platforms:** AWS, Azure, GCP
- **Cloud Migration Tool:** AWS MGN, DMS, Velostrata,
- **Disaster Recovery Tools**: AWS Fault Injection Simulator, Octopus Deploy, Kubernetes chaos testing tools, Elastic Disaster Recovery Service
- **CI/CD Pipelines & Automation:** GitLab, Jenkins, AWS Code Pipeline
- **IaC Tools:** Terraform, Ansible, CloudFormation
- **DevOps Tools:** Jenkins, GitLab,Ansible, Helm, SonarQube
- **Monitoring & Logging:**
- **Security & Testing:** SonarQube, Security Vulnerability Tools, Automated Scans
- **Scripting & Config Management:** YAML, Bash, PowerShell, Python
- **Monitoring & Observability**: CloudWatch, Google Stackdriver, Prometheus, Grafana, AWS CloudWatch, ELK stack, Elastic Cloud,OpenTelemetry,Jaeger
- **Architectural Expertise**: Microservices, serverless computing, containerization
- **Programming & Scripting**: Python, Bash, PowerShell
- **Compliance Standards**: ISO 22301, SOC 2, GDPR
- **FinOps Tools**: Flexera Cloud Scape, FOCUS

Professional Experience:

July 2023 – Sep 2024

Source Fuse Technologies India Pvt Ltd
Bangalore, India

Position: Senior Cloud Architect

- Design, develop, and implement cloud architecture and solutions using leading cloud platforms such as AWS and GCP Clouds

- Design and Deploy Multi-tenant SaaS on AWS using ECS and EKS

- Build the infrastructure using terraform and CloudFormation templates.

- Good Hands-on experience on Landing zone Accelerator on AWS and GCP

- Architected comprehensive disaster recovery (DR) strategies for cloud-native environments, ensuring robust resilience for critical systems on AWS and GCP.

- Designed and deployed unbreakable DR solutions using AWS Backup, Elastic Disaster Recovery, and Global Accelerator, meeting stringent RTO and RPO objectives.

- Led Business Impact Analysis (BIA) initiatives, identifying critical dependencies and implementing strategic recovery measures to mitigate risks.

- Design and Migrate On-prem workload to AWS Cloud using AWS Migration Service

- Developed and implemented Infrastructure as Code (IaC) frameworks using Terraform, AWS CloudFormation, and Ansible to automate the deployment and validation of disaster recovery environments.

- Conducted rigorous testing protocols with chaos engineering tools (AWS Fault Injection Simulator, Kubernetes chaos tools) to validate system resilience and recovery strategies.
- Automated recovery orchestration using Chef, AWS Step Functions, and Kubernetes, achieving significant reductions in downtime during recovery events.
- Performed deep-dive risk assessments, leveraging machine learning models to anticipate vulnerabilities and proactively mitigate risks.
- Integrated monitoring and observability tools (Grafana, AWS CloudWatch) to enable real-time tracking and validation of DR processes.
- Coordinated cross-functional disaster recovery efforts, aligning teams across engineering, security, and operations for seamless recovery execution during crises.
- Delivered detailed performance reports to senior leadership and regulatory bodies, ensuring compliance with industry standards in the financial sector (e.g., ISO 22301)
- Mentored teams on DR principles and cloud-native solutions, fostering a culture of innovation and continuous improvement.
- Strategized and implemented Agile methodologies for iterative improvements in disaster recovery planning and execution.
- Managed stakeholder communications, translating complex technical concepts into actionable insights for executive leadership.
- Design and Delivered AWS OLA projects
- Design and Implementation of AWS infrastructure VPC, EC2, Security Groups, IAM, CloudFront, S3, EBS, FSX, SFTP, CloudWatch, Elastic Kubernetes service and ECS
- Good hands-on experience on Data migration using Data sync, Storage Gateway
- Design and Migrate Database using Database migration service.
- Experienced in Ansible and Chef Configuration Management tools
- PostgreSQL and programming (preferably Java, Python), proficiency in understanding data,entity relationships, structured & unstructured data, SQL and NoSQL databases.
- Experience with solution architecture, data ingestion, query optimization, data segregation, AWS, EC2, S3, SQS, lambda, Elastic Search, Redshift, CI/CD frameworks and workflows
- Good hands-on experience on ECS and EKS services on AWS and deployed containerized Applications.
- Design, Implementation and Migration hands-on experience on RabbitMQ
- Good hands-on experience in Opensource tools like NGINX, Git, Jenkins, Karpenter
- Integrate SonarQube and other security vulnerability tools to perform code quality scans and security assessments during development cycles.
- Automated vulnerability scanning (SAST/DAST) as part of the build and deployment process, reducing release delays.
- Integrated container security scans (Trivy) and improved compliance by ensuring only secure images were deployed. CBCP,

- Developed a zero-trust architecture for internal applications, leveraging IAM policies and multi-factor authentication.
- Developed custom telemetry solutions using Open Telemetry to track distributed tracing and reduce MTTR
- Collaborated with engineering and product teams to define **SLAs, SLOs, and SLIs**, ensuring system reliability aligned with business goals
- Developed and managed Vault policies, roles, and access controls for different teams using fine-grained permissions (RBAC).
- Design Support and advise on application assessment, migration, and modernization.
- Good hands-on experience on AWS Cloud watch and gathering operational data and alerting using amazon CloudWatch.
- Migrate Elastic search from GCP to AWS OpenSearch and configured Logstash and Kibana Dashboard
- Created Dashboard s and alerts in Grafana to keep the system healthy.
- Configuration and Monitoring of Enterprise Monitoring tool Like New Relic, Dynatrace, Prometheus
- Experienced with three pillars of Observability (Metrics, Traces and Logs) across the stack.
- Design and configured Cloud backup using AWS backup service.
- Mentor and train team members on cloud and DevOps practices and technologies.

Professional Experience:

Aug 2022 – May 2023

Gulf Business Machine (GBM)
Dubai,UAE

Position: Senior Cloud Architect

- Worke on Migrating from On-Prem to Cloud using AWS MGN service.
- Expertise in creating infrastructure like VPC, security rules, VPC Peering and TGW.
- Designing solutions and architecting applications for the Cloud (High availability, Fault tolerant, Elastic, Secure)
- Manage and implement end-to-end DevOps pipelines using Azure DevOps and AWS CodePipeline.
- Design and maintain CI/CD triggers for multi-cloud environments with automated deployments.
- Develop and deploy infrastructure as code (IaC) using Terraform and Ansible, ensuring consistency across multiple environments.

- Integrate SonarQube and other security vulnerability tools to perform code quality scans and security assessments during development cycles.
- Create and maintain YAML-based automation scripts for CI/CD pipelines and cloud infrastructure tasks.
- Design and Implement Cloud Disaster Recovery Solution in AWS, Azure
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- Good Hands-on experience on Discovery and Cloud Assessment using RISC Network Flexera (Cloudscape Tool)
- Design and Deploying Cloud/Hybrid Backup solution.
- Supporting the Business Development team in sales calls, proposals, presentations, webinars, documentation
- Maintain an understanding of advancing cloud capabilities, IT, and business needs, while identifying and proposing cost and functional efficiency options for the customer's collaborative decisions and actions.
- Identify leading Cloud services (IaaS, PaaS, SaaS) to provide guidance and make recommendations based on a capability assessment.
- Led high-performing technical teams in the development and execution of large-scale DR and business continuity projects in highly regulated environments.
- Design and migrate the VMWare workload to AWS, Azure Cloud.
- Design and deploy active/active DR and Cold DR in AWS, Azure
- Automated the cloud infrastructure using like Terraform and CloudFormation
- Hand on experience CloudCheckr Finance Manager (FinOps)to generate the cloud cost reports.
- Good Hands-on Experience on executing large scale Application transformation or application migration and modernization projects.
- Been a point of contact for all proactive technical engagements from Microsoft for Microsoft Partners/Customers
- Able to execute projects based both on a defined Statement of Work (SOW) and time-based deliverables.
- Experienced with three pillars of Observability (Metrics, Traces and Logs) across the stack.
- Serve as Services Solution Architect responsible for translating the client's business requirements into specific systems, applications, or process designs with interlocked financial modelling for very large complex technical solutions.
- Provide recommendations to optimize Cloud usage costs by analyzing usage patterns and trends while providing recommendations for consolidating instance types based on demand across all billing accounts.

eHosting Data Fort (EHDF)
Dubai, UAE

Position: Cloud Practice Lead

- Develop decision frameworks. Oversee the documentation of all infrastructure architecture design and analysis work.

- Identify leading Cloud services (IaaS, PaaS, SaaS) to provide guidance and make recommendations based on a capability assessment.

- Good Hands-on experience on AWS Control Tower and Configuring the Landing zone.

- Good hands-on experience in AWS/AZURE/GCP IaaS and PaaS Components, Containers, Kubernetes, Applications to deliver end to end Cloud Infrastructure architectures and designs.
- Designing solutions and architecting applications for the Cloud (High availability, Fault tolerant, Elastic, Secure)
- Migrate On-Prem Workloads to Google cloud using Velostrata
- Designing a architecture for Cloud based solutions covering Identity and Security aspects
- Good knowledge of Gitlab
- Design, Implementation and Migration hands-on experience on RabbitMQ
- Experienced on IaaS code like Terraform.
- Design & Implementation of VMC on AWS/AZURE/Google
- Hand on experience CloudCheckr Finance Manager to generate the cloud cost reports.
- Design and Deployment of Amazon EKS
- Design and Implementation of Hashicorp Vault across multi-cloud environment and Kubernetes
- Design and Implementation of AWS Cloud environment
- Design and Migration from Private Datacenter to AWS Cloud Environment using Server Migration Service in AWS
- Good Hands-on Experience on executing large scale Application transformation or application migration and modernization projects.

- Design and Implementation of Dockers, Kubernetes

- Been a point of contact for all proactive technical engagements from AWS and Microsoft for Microsoft Partners/Customers.

- Develop & present customer facing documentation associated with design, configurations, run books, and project status.

- Communicate with vendors to discuss various possible solutions.

- Tightly maintain project deliverables deadlines, track project schedule, manage action items and coordinating among various staff people to get approvals.

- Able to execute projects based both on a defined Statement of Work (SOW) and time-based deliverables.

Oct 2019– Mar 2021

Intuitive Technology Partner
Bangalore, India
Position: Enterprise Cloud Architect

- Architecture and Implementation experience with medium to complex on-prem to AWS migrations using Cloud Endure /Zerota Migration Tools

- Design and Implement solution approaches to application architecture using AWS and Azure services to best address customer needs.
- Developing technical feasibility strategies and Transformation Road map for overall customer landscape in the cloud (Amazon web services, Microsoft Azure).
- Designed and Implementation of Landing Zone/Control Tower experience.

- Experience in Implementing solutions in container platforms like Docker and knowledge of Kubernetes.

- Migrate Active Directory to Azure Active Directory, workloads, and applications to Microsoft Azure

- Design and Implementation of Backup and Recovery of AWS and On-prem using N2WS, Veeam, Avamar

- Design and Migration from Private Datacenter to AWS Cloud Environment using Server Migration Service in AWS

- Built and configured virtual data centers in AWS cloud including VPCs, Public & Private subnets, security groups, route tables, Elastic load balancer.

- Experience in designing and developing high volume, low latency systems on AWS using technologies such as EC2, ELB, Lambda, Route 53, S3, RDS, CloudWatch. Working closely with Java and .Net based application development teams.

- Design and implementation of RabbitMQ (Federation and HA)

- Design and Implementation of AWS EKS

- Good hand on experience Monitoring tools like Prometheus, Dynatrace, New Relic and data dog

- Experienced in Implementing of AWS DR solutions VMC on AWS and Arpo

Oct 2016– Sep 2019

Brillio India Pvt Ltd
Bangalore, India

Position: Cloud Architect

- Good hands-on experience in GCP IaaS and PaaS Components, Containers, Kubernetes, Storage, Server, Applications to deliver end to end Cloud Infrastructure architectures and designs.
- Designing solutions and architecting applications for the Cloud (High availability, Fault tolerant, Elastic, Secure)
- Design a solution building for moving existing workloads and traditional infrastructure to the Google Cloud
- Experienced in DevOps tools like Terraform.
- Design and Implementation of AWS Cloud environment
- Design and Migration from Private Datacenter to AWS Cloud Environment using Server Migration Service in AWS
- Good Hands-on Experience on executing large scale Application transformation or application migration and modernization projects.

- Design and Configuration of VPC

- Design and Implementation of Direct Connect

- Configuration of Auto Scaling for EC2 resources

- Design and Configuration of S3, EBS, EFS

- Migration from P2V and V2P using Plain spin / CloudEdure

- Design and Implementation of Dockers, Kubernetes

- Design and Implementation of Hybrid Cloud storage StorSimple

- Design and Implementation from Server/Virtual machine to cloud migration using AZ Copy /DFS replication.
- Replication between StorSimple to Virtual STORSIMPLE
- Design & configuration of local snapshot and cloud snapshot
- Design & Configuration of smb, iscsi

- Automating in azure for creation of subscription, Storage Account and tables using Windows PowerShell

- Worked with the project team to understand customers' requirements in terms of budget, performance, scalability, DR needs of client with system architects to comprehend the requirements of storage, servers' capacity and related supported software's that client is using to manage their applications.

- Worked with different stakeholders, application teams, enterprise architects and developers to develop Architecture design, logical and technical models.

- Developed and documented the strategic technology infrastructure plans and roadmaps and integrated those with other project components such as data migration, archiving, and enterprise backup and recovery.

- Successfully architected solutions for enterprise system management and monitoring key components of the infrastructure that will continually optimize system performance.

- Oversee the testing and qualifying of new environments,

- Handled responsibilities towards system hardware and evaluation against pre-defined quality standards. Conducted various interviews with clients using different vendors equipment's, vendor qualification surveys for acquiring or replacing new systems and services.

- Deliver migration guide as well as deployment guide for new solution.

- Tightly maintain project deliverables deadlines, track project schedule, manage action items and coordinating among various staff people to get approvals.

- Communicate with vendors to discuss various possible solutions.

Aug 2009– Oct 2016

EMC² India Pvt Ltd
Bangalore, India

Position: Solution Architect II

- Design and Implementation of Isilon Cluster.
- Design and Implementation of Bigdata on Isilon
- Design and Implementation of XTREMIO Array
- Design and Implementation from Netpp to Isilon migration using robocopy
- Design and Implementation from VNX to Isilon migration using isi vol copy
- Design and Implementation from Netpp/VNX/windows/Unix Hosts to Isilon/VNX/windows/Unix hosts migration using Datadobi/StorageX Software
- Replication between Isilon using Synciq
- Design & configuration of snapshotIQ,Smartpool,Smartquota,Smartconnect
- Design & Configuration of smb,nfs,iscsi
- Experience with scripting languages Powershell, PowerCLI, Shell and Perl.

- Design and Implementation for Netpp to VNX/VNXe Migration
- Design and Implementation for Netpp to Isilon Migration
- Design and Implementation of VDI Application
- Migration from VMAX to XtremIO using LVM
- Configuration of Cisco UCS.
- Design & Installation, configuration XtremCache/FusionIO
- Implementation and configuration of VNX/VNXe/Clariion/Celerra devices.
- Design & Configuration of CIFS, NFS, ISCSI, Deduplication, local protection
- Design & Configuration of mirror view and San copy
- Design and solution for SQL, EXCHANGE,ORACLE environment
- Configuration of VDM
- Design & Installation and configuration of CAVA in Celerra.
- Installation and configuration of Brocade switches.
- Design & Migration from Netapp to EMC using EMCOPY /ROBOCOPY
- Install, configuration and Implementation of Open migrator
- NAS Solution Designing and Implementation
- EMC Host grab Analysis and ATLAS file Migration
- Installation & Configuration of powerpath/VE in ESX/ESXi
- Installation and configuration of Solaris and Redhat Linux
- Installation & Configuration of powerpath Encryption with RSA
- Design and implementation of Vipr-SRM
- Configured and deployed VMware SRM for Disaster Recovery/ Business Continuity
- Deployed EMC VNXe SAN for vSphere 5 high availability management cluster configuration for 8 customers international assignments to Latin America
- Developed test plans and oversaw testing of each new application and its improvement.
- Developed and provided staff training programs.
- Coordinated and implemented company quality policies, updated all technical information and ensured accuracy and compliance.
- Team Lead for Netapp to VNX/Isilon Migration Team.
- Managing a team of Seven members.

Sep 2007 – July 2009

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AOL (America Online, Inc.)
Bangalore, INDIA
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Position: Sr System Administrator

- Installation, configuration and maintenance of **NetApps FAS 3020C/980/810** in **Cluster environment**
- Configuration of SnapMirror in NetApp.
- Configuration of SnapShot,SnapMirror,SnapVault in NetApp.
- Configuration of Aggregate,Volume, qtree,quota,Flexvolume, FlexClone
- Installation & configuration of DFM
- Implementation of Disaster Recovery Failover in Netapps Envirioment
- Using SnapMirror to Create Disaster Recovery for SnapVault.
- Upgradation of ONTAP OS in NetApp.

- Upgradation of a Disk shelf firmware and software.
- Configuration of CIFS and NFS shares.
- Configuration of LUN
- Reusing ESH disk modules in FAS3020.
- Installation and configuration of Mcafee Virus scanner for Netapp.
- Exchange 2003 integration with NetApps SME and mailbox migration.
- Troubleshooting of all kinds of software and Hardware issues in NetApp.
- NAS & SAN Solution Designing, Implementation & Delivery
- Installation and configuration of Data domain Recovery Appliances.
- Installation and configuration of Brocade WAFS (Wide Area File System).
- Installation and configuration of Brocade Fabric switches.
- Installation and configuration of HBA on windows and unix platform.
- Installation & Configuration of KVM
- Performance Award and Peak Performer of the Year Award
- Managing a team of Five members.

January 2007 – September 2007

HP (Hewlett-Packared)
CHENNAI, INDIA

Position : Storage Administrator.

- Installation, configuration and maintenance of **Netapps FAS 3020C** in **Cluster environment**
- Configuration of SnapShot, SnapMirror, SnapVault in NetApp.
- Configuration of Aggregate, Volume, qtree, quota, Flexvolume, FlexClone.
- Upgradation of ONTAP OS in NetApp
- Configuration of CIFS and NFS shares
- Implementation of Disaster Recovery Failover in Netapps Environment
- Using SnapMirror to Create Disaster Recovery for SnapVault.
- Configuration of RAID, LUN, Zoning in EMC Clariion,
- Monitoring Tivoli Storage Manager and rerun the failed backup.
- Monitoring the Symmetric, Clariion, Brocade devices using ECC

AUGEST 2005 – DECEMBER 2006

DELL Force10Networks,Inc.
CHENNAI, INDIA.

(www.force10networks.com)

(Force10 Networks is the pioneer in resilient Gigabit and 10 Gigabit Ethernet switching and routing. Founded in 1999, Force10 revolutionized networking with the E-Series switching & routing)

Position: Network & System Administrator

- Installation, configuration& maintenance DNS, DHCP,NIS,NFS in Solaris and Redhat Linux.

- Installation, configuration& maintenance of Active Directory, DNS, DHCP, WINS, RIS in Windows2000 /windows 2003 server.

- Installation, configuration, and maintenance of Netapps FAS 3020C in Cluster environment.

- Configuration of SnapShot, SnapMirror, SnapVault in NetApp.

- Implementation of Disaster Recovery Failover in Netapps.

- Using SnapMirror to Create Disaster Recovery for SnapVault

- Configuration of CIFS and NFS shares.

- Installation, configuration & maintenance of EXCHANGE SERVER 2000/2003, SMTP, POP3, IMAP Outlook security.

- Installation, configuration & maintenance of EXCHANGE SERVER 2003 in cluster environment.

- Exchange 2003 integration with NetApps and mailbox migration.

- Installation, configuration & maintenance of Blackberry server and configuring the Blackberry Handheld device.

- Installation, configuration & maintenance of Fortinet firewall.

- Configuring & maintenance of Nortel VPN server & creating the RSA Security token for all users.

- Installation, configuration & maintenance of RAID, MS CLUSTERING.

- Installation, configuration of Cisco Router VLAN, STP, RIP, OSPF.

- Monitoring the network traffic using NTOP.MRTG.

JANUARY 2001 – AUGEST 2005

SOFTWARE TECHNOLOGY PARKS OF INDIA –GOVT. OF INDIA
CHENNAI, TAMIL NADU, INDIA

Position : Member Technical Support Staff [MTSS]

Responsibilities:

- ISP Gateway Design, operations, and Maintenance
- Good Hands-on experience in Satellite Communication equipment's
- Installation, configuration& maintenance DNS, DHCP, NIS, NFS in Solaris / Redhat Linux.
- Installation, configuration& maintenance of Active directory, DNS, DHCP, WINS, RIS,SUS in Windows 2003/2000 Server.
- Installing, Configuring & maintenance of CISCO 3600 Routers, Catalyst 3500 Switches.
- Implemented security monitoring Tools (Nessus,Tripwire,Sara,Black Ice,kTroute,Ksnuffle).
- Implemented network administration tools like Pc anywhere,ngrep,nmap & ethereal.
- Customer link usage report are taken using MRTG (Multi-Router Traffic Grapher)
- Installation, configuration of wireless modem (PCOM-AIRPRO, AIRLINK) Fiber modem (Rad –FOM40) High Speed Modems.
- International Gateway – Network Operations Center, NMC maintenance and Administration.
- Network monitoring & maintenance of LAN/WAN connectivity of Network Operation Center & Network Management Center at TIDEL Park with different connecting media like Ethernet and PCM etc.

Education:

Bachelor of Computer Application - Amity University

Diploma in Electronics & Communication Engineering

Personal Details:

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