



DARSHAN SHAH

SOLUTION ARCHITECT

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PROFESSIONAL SUMMARY

- Total **14.5 Years** of rich and relevant technical and functional experience as Solution Architect, Networking designer, Product management, business Analyst, Project Management.
- Currently working as Solution designer using Agile/Devops methodology for Client British Telecom for both Service Fulfillment, Service Assurance, order management ,Work order and Performance management areas for BTWS products SIP trunk, MEAS, HE, MSE for WAN/RAN/LAN networks.
- Experience with North bound interface, BSS-OCS, mediation, SDN/NFV to enhance performance on network and have analysis/development exposure using **Rest API,YANG,xmIs**
- Hands on experience/Designing solutions on AWS based services with migrating services from legacy to Cloud
- Good understanding of OSI Model, TCP/IP protocol suite. Experience in Firewalls, Good experience working in a Support/Technical Assistance Centre (TAC) team. Strong experience in Configuration and troubleshooting routing and switching products, Modelling of actual Load balancers
- Good understanding of AWS/Azure services and implementation in use case-based scenarios using Devops approach, designing solutions for MPLS based networks and protocols like BGP, OSPF



TECHNICAL SKILLS

Technologies

Design Patterns, Data modelling,IPV4, IPV6, WAN, RAN, LAN, MPLS, SD-WAN, Routing, Switching, BGP, OSPF, LDP,RSVP,VPC/VPN,SDH, CLI, Python, Rest API, Unix, JIRA, Devops, Agile, Oracle SQL, F5 load balancer, VOIP,TCP/UDP protocols

Architecture Knowledge

OSS/BSS Architecture, NFV/SDN, Networking, API security

Platform Knowledge and Tools

Service fulfillment and Assurance using tools Expedio order Mgmt(BMC Remedy) ,Blueplanet,SRIMS,SMARTS, Clarity,Service now. Routing, Switching, Networking, AWS Platform, CI-CD, Route 53, VPC, Subnets, Docker, Cloud 9, working with S3 buckets, Lambda, API gateway(using Swagger), AWS API authorizers, Creating or importing APIs,Azure Express Routes

Telecom domain Knowledge and Security

Solutioning for designing cell sites and Switch sites for various product rollout for multiple projects and data center solutions, capacity management and using PACS for Inventory and service management.

GDPR encryption compliance

Experience of working with multi vendors like ALN,F5,Juniper,Cisco ASR &ISRs, Huawei,Inventory management,eTOM framework and transformation projects .

Capabilities – MLI(Subscription),MRS,MLP(Automated template),MSI,MDA.

Creating and extending VPNs for site2site(s2s), client VPN connectivity and endpoints,VPGW,direct connect, subnetting, create and enable MPLS,establish connection between different devices and concepts using VSS,RSTP,MSTP,STP

Estimation making proposals, POC, Presentation to client and contribution in revenue increase

Interfaces/Test Driven development

Web service calls(JMS) , XFB(FTP/Telnet), Rest API, API adaptors, Resource Adaptors, Diameter protocols for BSS,Manual and AWS automated test driven methodologies



EXPERIENCE

Organization	Role	Duration	Reason for leaving
Tech Mahindra LTD	Senior Solution component designer/Network architect	Feb 2016-till date	For Better prospects
Infosys LTD	Manager	Feb 2015-Jan 2016	24/7 support projects
Tech Mahindra LTD	Senior tech associate	May 2010-Feb 2015	For Better prospects
COLT India Tech. ltd	Business Analyst	Jan2008-Jan 2009	For Better Profile and prospects
Reliance Communications	Deputy manager	April 2005- Jan 2008	For better prospects

4G/5G solutioning and Cloud native applications	British Telecom
Product	SIP trunk(Session initiation protocol), Broadband services, Ethernet, IP connect,F5 load balancers, MPLS(core network) , MEAS(Access services) , HE(Harmonized ethernet),SD-WAN, GSM/GPRS/UMTS/LTE Order management/Service fulfillment/Service assurance/Networking Network topologies- WAN,RAN,LAN
Responsibilities Performed	<ul style="list-style-type: none"> • Designing solutions as E2E project Architecture for OSS/BSS, product catalog, order management, and customer/subscriber management; this includes functional req , CFTs and stakeholder engagement • Understanding requirements on Logical and service inventory and device modelling using Racks, nodes, cards, shelf, routers, switches, protocols for routing, VPNs • Document software design for OSS/BSS , flows and use case based various software design techniques like Sequence Diagrams, Architectural Diagrams, data modelling ,Rest APIs. Lead a team of 10 people to enhance delivery. • Knowledge and usage of JSON and AWS/Azure services for interaction between Application and Network devices via REST API. • Experience in solutioning for BSS including prepaid and postpaid billing, building middleware's between different systems • Proposed design for Migrating to AWS for interaction between component using MRA and Device/Element manager using API, JSON, Lambda, S3, SNS services, EBS, EC2, CI/CD created templates, Dynamo Db and other databases, monitoring usage with AWS cloud watch. • Handled and modelled devices like Juniper Mx960, ALN 7750's,CISCO UCS 240, F5 load balancers, Core and Edge Rt device modelling and planning,10G/40G/100G optics planning and designing topologies • Exposure to Incident management due to fiber cuts, Router, switches • Security -GSPR compliance,SSL security, WAF, IAM services of AWS, API, eTOM as a blueprint for standardization of business activities. • Design for Static, connected subnets, using route tables, creating public or private VPCs using routing protocols like BGP, OSPF on MPLS Networks • POC,SOP creation with sales team and CRM support
Architecture and Tools	Rich UI Based Application built using Oracle Technologies to accommodate various business use-cases / functions. Expedio order Mgmt(BMC Remedy), Blueplanet, SRIMS,PACS, SMARTS, CISCO Viptela,TACACS+,Clarity,Oracle Mediation platform, Diameter routing Agent

Retail,consumer and Logistics	Infosys LTD
Clients worked for	Nike, Colgate –Palmolive, Reckitt benkiser, Hersheys
Responsibilities Performed	<ul style="list-style-type: none"> Responsible for Management, creation of DevOPS projects with creating Project codes and allocation of resources, creating demands and hiring. Support Transitioning of the projects.Led Team of around 150 people. Working knowledge in XML, JSON, HTTP and in building RESTful APIs.Use/knowledge of unix commands,Feasibility study ,Implementing Devops approach with continuous integration, continuous delivery. Responsible for leading, line-managing and developing teams, or managing people for specific tasks or projects.Contribute to Sales team to make the POC. Network and services migration, Architecture and Design Consultation Successful Transitioning of projects from onshore to offshore teams
Architecture	Rich BI Based Application built using Devops methodologies to accommodate various business use-cases / functions.

Analyst	COLT INDIA PVT LTD
Responsibilities Performed	<ul style="list-style-type: none"> Preparing a definition document as per requirement. Develop a draft version of the software using Discoverer, SQL,VB script,Business objects Liaising with Platform architects and component designers to agree upon best possible solution which can be implemented in particular component. To make various presentations, pivot charts to show various KPI`s. Conduct/participate in internal audits, develop QA plan and strategy. Improve and extend test frameworks and automated test sets,verification and validation. Experience in Activation/ Provisioning .
Architecture	Rich Reporting Based Applications- Business Objects, Oracle to accommodate various business use-cases / functions.



CERTIFICATIONS

- (1) CCNA certified professional.
- (2) Prince2 practitioner certified
- (3) ISTQB Foundation level certification
- (4) Cookie, SPOT and Pat on the Back-Recognition award from BT
- (5) Oracle 9i OCA certified professional
- (6) Six sigma yellow belt certified from Tech Mahindra.



EDUCATION

<u>Qualification</u>	<u>College/University</u>	<u>Percentage and Class</u>	<u>Year of Passing</u>
B.E. (EXTC)	Mumbai university	63% (Distinction)	2004
HSC	Maharashtra State Board	81% (Distinction)	2000
SSC	Maharashtra State Board	82% (Distinction)	1998