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Cloud Solution Architect
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EXPERIENCE SUMMARY:

- Work experience in Digital Banking, Travel & Hospitality and Telecom Domain.
- Expert in Cloud Native Architectures, Hybrid Cloud Solutions, Enterprise Architectures and Solution frameworks as well as usage of modeling techniques.
- Deep understanding in Digital Transformation with different integration patterns and API design.
- Good knowledge in distributed cross-platform applications, containerization, orchestration and security using Kubernetes, Docker.
- Good knowledge in AWS services like – EC2, S3, API Gateway, Lambda, RDS, SQS, SNS, DynamoDB, VPC, CloudFormation, Route53, IAM, Load Balancers etc.

Qualifications:	Certifications:
➢ **MBA in Operation Research**	➢ **Togaf 9.1 Certified**
➢ **Bachelor of Science**	➢ **AWS Solution Architect Associate Certified**

PROFESSIONAL AND INDUSTRY EXPERIENCE:

- Digital/Cloud Solution Architect experience in a leading large UK Bank, London. Expert in the areas of Digital Transformation architectures for Retail Lending journeys of Online, Branch and Mobile. GDPR, Cross Brand Debt-Consolidation, improving Route-to-Live, On-premise to cloud migration are major contributions using Togaf Enterprise Architecture framework, micro-services and API patterns.

- Integration Architect experience in Way2Go, a Travel and Hospitality web portal hosted in Azure. Deep understanding in the areas of Micro-services, defining APIs, measuring API traffic, integrating different travel, hospitality vendors and with organizational apps. Hands-on knowledge in Azure PaaS, DevOps, ADFS, Multi-tenant deployments, Web-sockets, MangoDB etc. Way2Go is SAAS (Software as a Service) product.

- Solution Architect experience in Telecom sector in the areas of NMS/EMS/OSS, IP-VPN and Switching Systems, Service Provisioning and Activation. Worked in the areas of different OSS architectures – Inventory, Activation, Discovery & Reconciliation, Order Management, Configuration Management, Performance Management and Service Fulfillment.

- Key capabilities include definition and delivery of solution designs, which are compliant with an organization's enterprise architecture and landscape.

- An excellent problem determination skills and equally comfortable speaking with stakeholders at a technical or business level. Have exposure in technical team leading and offshore/onshore business model.

- Worked with various customers like Lloyds Banking Group, Ericsson, Cisco, AT&T, Bell Canada, Sprint, Nuvox, Airtel, TATA Communications.

- Prior to working with Wipro Technologies, Rajani Kanth was working in Telecom Domain with Subex Ltd, HP India, TATA Tele services ltd.

Wipro Technologies – Digital/Cloud Solution Architect - May 2017 – Until now

Role & Responsibilities:	➢ Responsible for Digital Transformation architecture changes in lending journeys using Togaf Enterprise Architecture framework and micro-services patterns.
	➢ Responsible for creating E2E Solution designs both High Level & Low level, Reviews, Stakeholder mgmt; Part of Design Architecture Forum at Organizational level.
	➢ Provided solutions in the areas of Retail Lending journeys of Online, Branch and Mobile.

Project Name – Lloyds Bank – Lending Team, Client: Lloyds Banking Group, London

Worked in the project implementation of
- Worked on features - GDPR, Affordability2.0, Cross Brand Debt-Consolidation, Pre-Approval Aggregator etc; Major contributions in Improving Route-to-Live and CI/CD changes to deploy code in both On-premise and cloud environment.
- Technology/Tools used – UML, ReactJS, REST, SOAP, Core Java, Jenkins, Docker, Kubernetes, Rancher, WAS, liberty, Azure, API Gateway etc.

Wipro Technologies – Enterprise Integration Architect - Oct 2016 to May 2017
Project name - Way2Go – Travel & Expense Mgmt solution, Client: Wipro Technologies

Way2Go is being generalized as a multi-tenanted cloud deployed Azure PaaS model. Involved in design and development of integration bridge between Way2Go with different enterprise clients. Worked in the areas of APIs, Service Bus, ADFS authentication, DevOps, Azure PaaS, multi-tenant deployment, Web-Sockets, embedURL, Security Policies and compliance areas. Preparing both high level and low level solution designs, reviews, stakeholder management etc.

Technology/Tools used – UML, Togaf EA, ReactJS, REST, Core Java, Jenkins, Docker, Azure PAAS, ESB, VMs, ADFS, API gateway, Swagger etc.

Wipro Technologies – Solution Architect - 2011 to May 2016

Role & Responsibilities :	Interactions with client on Change Requests, Bugs, Requirement gathering, Preparing use cases, Solution architecture, Design analysis and design of adaptors and Interfaces.
	➢ Preparing the Impact analysis and impact proposal documents for the change requests.
	➢ Solution proposed and developed in the areas of Performance improvements, Memory improvements, Usability Improvements.

Project name - JobManager – Ericsson Platform – OSSRC, Client: Ericsson

Job Manager (JM) is an application in OSS-RC, used to configure, execute and monitor jobs on the Network Elements. JM uses Quartz scheduler. Replacing Activity Manager with Quartz Scheduler is a major contribution.

Project name - OSS Explorer – Ericsson Platform – OSSRC, Client: Ericsson

OSS Explorer is another product in OSS-RC. It is used to fetch, store and display the network element information in a topological order. Uses Plug-in based architecture. Replacing local cache with EHCache (3rd party Software) is a major contribution.

Project name – FemtoCell, Client: Cisco & AT&T – North America

AT&T customers uses femtocell as access point to access their 3G wireless services. The device is a zero touch provisioning. Application takes care of user registration, enabling the services and configuring the services on the device. Nearly 2.5 lakhs devices are configured using this product.

Subex Ltd – System Analyst/ Solution Tech Lead - 18th Sep 2007 to 6th July 2011

Role & Responsibilities :	➢ Analyzing the business requirements and convert them to engineering requirements.
	➢ Responsible for project estimates, Solution design, Review, development, support QA and final release to customer.
	➢ Responsible for preparing Requirement Analysis (RA) and Functional Specification (FS) documents.

Project name - Batch Mode Integration (BMI), Client: Bell Canada – North America

Bell uses IPACT (OMS), which places the L3 VPN orders and BMI code has to parse the order and do the necessary network configuration. It supports Cisco and Juniper routers configuration. It has the capability of configuration different VPN and Multicast Services. BMI supports Mesh, Hub and Spoke topologies.

Project name - Target State Arch (TSA), Client: Bell Canada – North America

NetProvision was migrating from Legacy State Architecture to Target State Architecture. Intended View and Implemented view are the new changes in the product. Latest functionalities like Google suggest, Rule engine, remove code duplications, new DB tables to support implemented and intended views.

Project name - Multicast, Client: Bell Canada – North America

Provisioning multicast service on cisco and juniper devices. It takes care of checking network sync; RP List sync and Propagation, validation of RPs on network and node based are the main components of this project. It keeps track many validations and customer business rules like Route Distinguishers creation and reuse etc.

Project name - Single Service Import (SSI), Client: Sprint – North America

Sprint uses this module to import a single service from their Network into NetProvision. Customer passes few attributes and from then code generates the remaining attributes and stitches the entire service in NetProvision. Currently it support Layer3 –IPVPN services which configured on CR and JR routers.

Project name - Migrating of services + High Availability, Client: Sprint – North America

Migrating the existing services from Cisco 7500 to Cisco 8500. High Availability implement for disaster recovery. Combination of shell scripts, java code, NetProvision Engine APIs used to achieve High Availability + Migration part. It takes care of creating new services on the destination nodes and deletes the old services.

Project name - Importing Services from Cisco IAD, Client: Nuvox – North America

As this particular Cisco IAD does not support Upload functionality, we have written some core java code, which parses the device show tech file and extracts the values, which were used to configure a service. Using configlets (Extensibility), we used to create those services back into NetProvision.

Project name - Generic Element Manager, Client: Nuvox – North America

Instead of having multiple EMs; customer is looking for Generic EM, where CSD has to write different configlets for different provisioning on different devices. Customer uses these configlets to provision with the help of Generic EM. Generic Java code is written to analyze the device and based on the device, relevant commands will be send to the device.

Project name - Service Discovery, Client: Nuvox – North America

Service Discovery is used to discover the existing services and create them in NetP. Loading the entire oracle DB into memory as cache improves it performance. It collects logical ports, interfaces, validates the info at attribute level before creating the service in NetP.

HP Global Soft, India Ltd – Sr. Software Engineer – July 2005 to Sep 2007

Role & Responsibilities:	➢ Code the new requirements and maintaining the legacy code.
	➢ Responsible for Unit Testing, Integration Testing and User Acceptance Testing.
	➢ Update the project related documents.

Project name - NuNCAS, Client: British Telecom – UK

NuNCAS is used to configure different network elements to provision broadband services. It configures various network elements like DSLAM, ISDN etc. It mediates between the BT OSS stack and the DSLAM & EMS. It also does the Discovery & Modeling of network elements.