NITIN

+1 (940) 435 5566 – nitins.arch@gmail.com

# OBJECTIVE

To bring about a change in the IT industry space by being a valuable lead contributor in project, product delivery and management across businesses involving but not limited to offshore - onsite work flow model, business requirements gathering and coordination, driving projects to successes amidst tight deadlines and challenging targets.

# EXPERIENCE SUMMARY

I bring more than **12+** years of industry experience in end to end solutions encompassing design, develop, lead, test, manage and deliver various assignments with warranty of distinct undertakings within Automotive and Telecommunication industry sectors and other verticals. Building business rapport and be a channel to them for understanding, prioritizing, developing and delivering business requirements and build successes out of it has been my strength. Have a proven track record of successful lead assignments domestic and overseas driving a group of people to achieve a common goal and be outstanding on the deliverables.

# KEY COMPETENCE

* Business coordination, requirements gathering, development in Cloud, BigData, Datawarehouse and Business Intelligence related applications.
* Experience in leading and managing teams. Handled multiple roles – Lead, SME, Consultant, Developer, Data Specialist and Stewardship.
* Subject Matter Expert (SME) for several applications across multiple portfolios.
* Be proactive in chasing deliverables under tight deadlines and multitude of challenging complexities in Agile/SCRUM environment.
* Thorough process knowledge of Incident management, Problem management and Change management.
* Try and transform complexities into manageable tasks in a challenging offshore-onsite work flow model culminating into a smooth delivery team.
* Enabling each individual performer of the team to realize his/her fullest potential by help face challenging tasks. Mentor, guide and motivate to achieve successes.
* Cross training team members to work on group of projects in parallel to achieve maximum efficiency.
* Continuous business communication resulting in maximum transparency in work prioritization and delivery.
* Mentoring the offshore team to new heights of business satisfaction, to be able to communicate, support, deliver to the businesses with minimum to no effort or help from the lead team members.
* Being proactive in recognizing new business opportunities across several cross functional areas and teams to become more profitable as a company.
* Support and help to other areas of application management support teams when needed.

# TECHNICAL SKILLSET

**OS Platforms**  Linux, Windows, Sun Solaris

**Cloud** AWS, Informatica Cloud Services, Salesforce

**AWS** EC2, VPC, RDS, S3, IAM, CloudFront, CloudWatch, R53, SNS, SQS, ELB, Lambda, CLI, ECS

**DevOps**  Git, Dockers, Kubernetes, JIRA

**Database**  Oracle, MySQL, DB2, Teradata, Hive, Impala, DynamoDB, SAP Hana

**ETL** ICRT, IICS,Informatica Big Data Edition /Power Center/IDQ

**Reporting Tool** Business Objects, Tableau

**Data Modeling Tool** ERWIN

**Scheduling Tools** IBM Tivoli Workload Manager, Autosys, Control-M

**Framework** Cloudera HDFS,

**Big Data Tools** Hive, Impala, SPARK, Kafka

**Language**  Shell, Python, Perl, Core Java, Oracle PL/SQL

#  PROFESSIONAL EXPERIENCE

**AWS Solution Architect/Data Architect/Data Engineer/Data Analyst/ETL Lead: AWS Integration with Datalake** **Dec 2017 to Present**

**VWGoA Detroit, MI**

* Designing and implementation of public and private facing websites on AWS Cloud.
* Migrating from On-Premise Infrastructure to AWS Cloud.
* Design for high availability and business continuity using self healing-based architectures, fail-over routing policies, multi-AZ deployment of EC2 instances, ELB health checks, Auto Scaling and other disaster recovery models.
* Configured and managed various AWS Services including EC2, RDS, VPC, S3, Cloud Watch, Cloud Front and R53 etc.
* Configured various performance metrics using AWS Cloud Watch & Cloud Trial
* Written various Lambda services for automating the functionality on the Cloud using Python.
* Used AWS Route 53 for configuring the High-Availability and Disaster recovery to make the environment up and running in case of any unexpected disaster.
* Worked on S3 data store formats and used Athena to read S3 objects.
* Part of Migration process of our On-Prem Datawarehouse to AWS Redshift using AWS Data Migration Service and Schema Conversion Tool
* Maintained the user accounts (IAM), RDS, Route 53, VPC, RDB, Dynamo DB, SES, SQS and SNS services in AWS cloud.
* Create AMIs for mission critical production servers for backup.
* Worked on infrastructure with Docker containerization using the Kubernetes orchestration also AWS Step Functions to run the multiple AWS services.
Deployed and configured Git repositories with branching, forks, tagging, and notifications.
* Leveraged CloudWatch alarms baseline and centralized logging with AWS landing zone
* Integrated Informatica Big Data with Kafka based Topic and Partition based point to point event communication
* Developed baseline AWS account security, implemented/integrated end-point protection, vulnerability scanning and intelligent threat detection.
* Setup AWS Single Sign On (SSO) for on premise Active Director (AD)
* Implemented security best practices in AWS including multi factor authentication, access key rotation, encryption using KMS, firewalls- security groups and NACLs, S3 bucket policies and ACLs, mitigating DDOS attacks etc

**Tech Lead: Big Data Datalake Integration/ Data Architect/Data Engineer/ETL Lead Jan 2015-Nov 2017**

**VWGoA Detroit, MI**

* The Project is Integrating Salesforce Cloud to Big Data Datalake for the CRM Customer, Marketing Data.
* Our Current project involves Agile methodology
* Business Meetings to gather requirements and coordinate with Business Analyst and Data Architect.
* Translate Business requirements to Technical design for Development team by providing data workflow models and design documents.
* Estimate the Development efforts and assign the tasks to team members
* Coordinate with Offshore and Onsite Development team with regular status meetings to track the Project timeline inorder to meet the deadline.
* Conduct Design and Code Review and Knowledge Transition Sessions with peer Production Support Team prior to GO-Live.
* Actively involved in Project Quality Assurance testing phases.
* Weekly Project progress updates to Business and Technical Managers
* Mentoring and resolving any technical issues with Development team
* Proficient in Cloud, Big Data, Data Warehouse, Data Analytics BI tools.
* Involved in Project life cycles from translating business requirements to technical requirements and creating technical design documents and test plans for the Operational and Datawarehouse objects along with Code deployments, Maintenance and Support activities.
* Involved in Product life cycles from POC, Installations, and Testing with Admin activities.
* Proficient in Big Data tools like Hadoop File System, HIVE, and Impala.
* Worked on Cloud environments like AWS, Informatica Real Time and Salesforce.
* Responsible for the requirement analysis, effort estimation, project planning, task allocation.
* Involved in offshore team coordination for development activities and validating them for timeline delivery.
* Provide training/mentoring to new entrants on support task.
* Member of Standard Forum Committee for application development, quality and support process.

**SME: Big Data Datalake/ Data Architect /Data Engineer/ETL Lead Jan 2013-Dec 2014**

**VWGoA Detroit, MI**

* Worked as Subject Matter Expertise on Customer Relationship Management Project for USA and Canada customer profiles
* This project was implemented using Agile methodology
* Worked on Datalake Integration with Salesforce using Informatica Cloud Services
* Responsible for Design and Architecture of Datalake on BigData Hadoop platform
* Worked on NoSQL Unstructured databases like Hive and Impala for data querying
* Used Informatica BigData ETL to develop the code for data extraction, integration and loading in Datalake
* Worked on Data Quality process using Informatica Data Quality ETL product to cleanse and standardize Customer profiles
* Expertise on Data Stewardship role
* Responsible for Informatica BigData and Hadoop environment setup for DataLake
* Conducted various POCs with Vendors during initial phase of BigData DataLake

**ETL Developer and Production Support May 2011-Dec 2012**

**VWGoA Detroit, MI**

* Worked on various long and short term projects as ETL Developer
* Was a part of OnCall and Maintenance team
* Worked on ETL code deployments during project release
* Provide Support of existing applications and investigate/troubleshoot production issues

**ETL Consultant**

Verizon, Dallas, tx **June 2010 to Apr 2011**

* As Application Developer and Functional Coordinator, supporting different applications related to Telecommunication products. These applications were previously handled by other vendor.
* Involved in Application transition and transformation phases from other vendor.
* Issue Analysis and propose solution.
* Scheduling and monitoring ETL jobs by Informatica Scheduler.
* Execute the test set up to check if requirements are met.
* Prepare unit test result document.
* Facilitating issue resolution and risk identification in different development and enhancement activities in the team.
* Production Support, Major enhancements and maintenance of existing Data warehouse.
* Responsible for translating business requirements to technical requirements and creating technical design documents and test plans for the Data warehouse objects.

**Informatica Developer**

Business Intelli Solutions **Mar 2008 to May 2010**

As a ETL developer responsible for development, testing and enhancement of existing & different Data ware housing Applications

* Served as the Focal Point for the entire system enhancement team for all the issues related with event processing modules (Stage area, Operational data Store, Foundation data mart and reporting data marts.)
* Deliver new and complex high quality solutions to clients in response to varying business requirements.
* Issue Analysis and propose solution.
* Scheduling and monitoring ETL jobs by Informatica Scheduler.
* Execute the test set up to check if requirements are met.
* Prepare unit test result document.
* Perform string/volume testing if required.
* Production Support, Major enhancements and maintenance of existing Data warehouse

# EDUCATION

MASTER OF BUSINESS ADMINISTRATION 2007, Bangalore, India.

Bachelor of Engineering in INFORMATION TECHONLGY 2004, Tumkur, India.