

# Amit Nitin Joshi



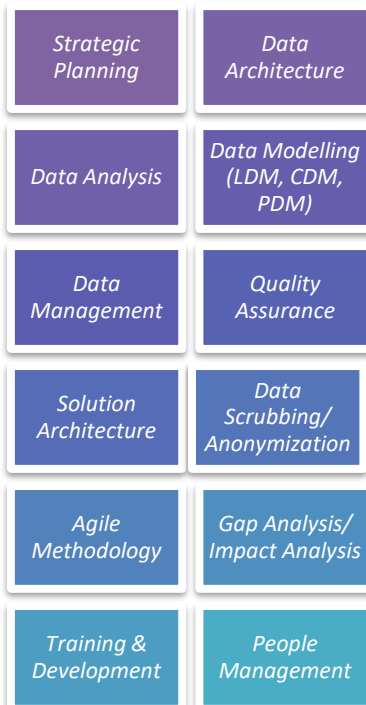
A versatile, accomplished & goal-oriented professional with 16+ years of experience in IT-Applications. which includes Data Architecture (Data Modelling, Data Design, Canonical Design, etc.), Data Management (Analysis, Profiling, Quality Assurance), SDLC Planning & Management, Agile Methodology (using tools Jira, Version1, etc.), ERP Development and Implementation for small to medium scale organizations, Training & Development and People Management with proven track record of delivering consistent business results through leadership and application of sound management practice

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## Core Competencies



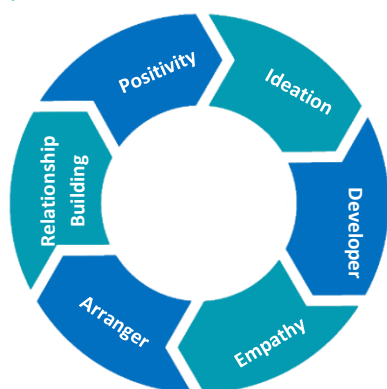
## Profile Summary

- **AWS certified professional** with proven expertise across **Databases Technical tools, Oracle, MS Access, Teradata, MySQL, MS SQL Server & Data-Modelling tools, Sybase Power Designer 10.0/11.0, Embarcadero ER/Studio Data Architect XE6, ERWIN Data Modeler, TOAD Data Modeler**
- Growth-oriented professional with expertise across **Data Analysis, Data Architecture, Project Management, Data Modelling, System & Business Analysis**
  - As a data-architect, I have worked majorly (around 60%-70% of time) as **data-modeler in OLTP (i.e., transaction / current data) and OLAP (analytical / historical data)** and the rest of my time on **Data-Governance, Data-Quality, Data-Anonymization, Data-Retention, etc.** activities under data-architecture.
- **Gained over 6 years of international experience in USA with renowned organizations in the capacity of a Data Architect / Data Modeler; hands-on skills in NoSQL databases - Apache Cassandra, MongoDB, AWS-DynamoDB**
- **Worked in US for 9 years (2010-2019) across areas covering SDLC Management from planning, analysis, design till delivery**
- Proficient in heading software projects on technical support like **SDLC, FFT, Gap Analysis, Process & Data Flow, Front-end & Back-end Programming and Coding for solution**
- Hands-on working experience in programming for **Functions, Procedures, Triggers and Packages (API); Cursors (Implicit, Explicit and Parameterized), Types (Table), Indexes, Sequences and Views**
- **Managed requirements gathering, collation of project functional and technical requirements; followed-up with clients throughout the project lifecycle to ensure full understanding of needs & concerns**
- **Created technical solution designs after performing IT infrastructure architectural assessments; developed work products like technical solution design documents, architectural overview diagrams, operational models and deployment models for IT infrastructure engagements**
- **Delivery Anchor** with career success in delivering solutions that remedy core business issues & position the organization to reach the **next level of profitability through technology introduction**
- **Forward-focused Data Architect** with expertise in concepts of end-to-end project planning & implementation from scope management, to activity sequencing, effort & cost estimation, risk analysis to quality management
- **Rich experience in managerial activities entailing rendering technical leadership & guidance to the team members**, planning, scheduling tasks, holding discussions with different functions and management
- **Managed & ensured project deliveries in a timely manner involving seamless onsite/offshore coordination** and transparent communication with all stakeholders at all phases
- Qualitative experience in **defining test execution, estimation, planning, reporting, implementation of quality processes, overall test delivery and requirement gathering**
- **Architectural leadership in the resolutions of inter-program and inter-project issues; encouraged the use of new and emerging technologies in order to deliver best in class software solutions**
- **An effective communicator with strong relationship management skills** with the capability to relate to people at any level of business; possess excellent analytical and negotiation skills



## Soft Skills

(REF: Gallup Global Emotions Report)



## Organization Experience

Oct'2020-Till Now: Birdzi Inc. USA (<https://www.birdzi.com/>) as a Data Architect, Data Modeler, Database (OLTP, OLAP) Designer

### Key Result Areas:

- Birdzi is a fast-growing technology company focused on building human relationships. We are constantly finding new ways to use AI-generated data to strengthen the relationship between retailers and customers. Birdzi is the product-based company which focuses on innovation that became the foundation of Birdzi's Shopper Engagement & Analytics Platform.

- I've joined Birdzi Inc. on 5-Oct-2020 as Sr. Data Architect. I'm working very closely with Enterprise Architect and looking into implementing the flexible and effective data-design to support features like Short response time for small CRUD transactions, data maintenance operations, high concurrency, large data volumes, high availability, life-cycle related data usage, etc.

## Jul'2010-Oct'2020: Accenture (India) Private Limited / Accenture Inc. (USA) as a Data Architect, Data Modeler, Database (OLTP, OLAP) Designer, Sr Data Analyst, Sr Business Architect

### Key Result Areas:

- Monitoring project progress as per scheduled deadlines for various tasks; steering efforts to ensure timely execution within the stipulated parameters; creating IT interface for remedial action plans, identifying gaps and reporting to the management; devising policies, procedures & SOPs for information security & compliance
- Collaborating with cross-functional team, monitoring engineering design activities and delivering value engineered services on schedule and at predicted cost; assisting in project meetings; drafting daily and weekly status reports and communicating the same
- Reviewing the business processes/ stakeholder needs, making recommendations for solutions/ improvements and translating business requirements into software using new technology or alternative uses of existing technology
- Constructing, refining, and maintaining information models using tools that meet overall business requirements; participating in data governance processes to assure new databases and changes to existing databases meet the corporate standards
- Driving major business transformations across a range of operations and harmonizing with different departments including Development, Test & Support; recognizing & monitoring monthly metrics & KPIs, ensuring adherence to operational standards and consistently applying them; developing & monitoring escalation processes to ensure that SLAs are achieved
- Acting as stakeholder of specific product backlog items, operating closely with development teams to ensure the output to be aligned with expectations; assisting in project meetings; drafting daily and weekly status reports and communicating the same
- Drafting functional requirements for computer systems using models & diagrams to represent the processes and functions involved; working out the new system's requirements & specifications and test strategies; assisting in functional testing of the new system and ensuring that it meets the user specifications
- Leading large-scale business solution architecture and design efforts; developing and maintaining application architectures for various business functional areas; resolving integration and interface issues between various applications or systems with focus on optimizing application performance and scalability
- Devising & implementing IT strategies and business plans in line with the company's business plans; creating and implementing policies and procedures for all IT platforms; initiating & managing complex, departmental work and driving continuous improvement in metrics, SLA and automation
- Reviewing the business processes/ stakeholder needs, making recommendations for solutions/ improvements and translating business requirements into software using new technology or alternative uses of existing technology
- Outlining project requirements, scope, goals, cost, deliverables, and sign-off from key stakeholders; ensuring that all technical and design risks are identified and appropriately managed to meet project requirements



### Previous Experience

Sep'2006-Jul'2010: APM Terminals Pipavav, Gujarat (earlier GPPL) as a IT Specialist (Business Application & ERP)

Mar'2006-Aug'2006: Rajkot Municipal Corporation (RMC), Rajkot as a Deputy EDP Manager

Jul'2005-Mar'2006: Sanghi Industries Limited (SIL) - Cement Division, Gujarat as a Programmer

Jul'2004-Jun'2005: Ideas Infotech, Rajkot, Gujarat as a Junior Programmer/Developer (Part-time)

Jan'2001-Jun'2004: T. N. Rao College of IT & MS, Rajkot, Gujarat as a Visiting Lecturer / Lab Assistant



### Certification

- Completed AWS Certification
- Completed MCP for VB.net in 2010
- Certified in MS.net Technology from Aptech Limited, Rajkot, Gujarat in 2006
- I.T.I. Certification for MS Office XP and MS Visual Basic 6.0 for Application Programming in 2001
- Certified HDSE (Higher Diploma in Software Engineering) from Aptech Limited, Rajkot, Gujarat in 2000



### IT Skills

- Technical tools:
  - Oracle, PL/SQL with SQL\*PLUS
  - MS Access, MySQL, MS SQL Server with T-SQL
  - Teradata SQL
  - PostgreSQL with PL/pgSQL
- Data Modelling Tools:
  - Sybase Power Designer 10.0/11.0
  - Embarcadero ER/Studio Data Architect XE6
  - ERWIN Data Modeler
  - Navicat for PostgreSQL
  - TOAD Data Modeler



## Academic Details

- MCA (IT Applications / Software Development) from IGNOU, New Delhi in 2003 with 70%
- PGDACA (IT Applications / Computer Science / Software Development) from Saurashtra University, Rajkot, Gujarat in 2001 with 74.10%
- B.Sc. (Chemistry) from Saurashtra University, Rajkot, Gujarat in 1999 with 64.57%.

## Other Course

- Diploma in Computer Science from Saurashtra University, Rajkot, Gujarat in 2000 with 66.83%.



## Personal Details

**Date of Birth** : 17th July 1979  
**Languages Known** : English, Hindi and Gujarati  
**Communication Address** : A-202, Gulmohar Serene, Aple Ghar Society, Kharadi, Pin-411014, Pune, Maharashtra  
**Current Location** : Pune, India  
**Address** : B-3, "Annapurna", Nalanda Society, Street No. 2, Kalawad Road, Near ICICI Bank, Rajkot, Pin-360005, Gujarat  
*(Refer to Annexure for Project)*

### Annexure

**Title:** Skywalker

**Client:** Credit Suisse @ Pune, Maharashtra, INDIA

**Period:** Feb'19 till now

**Designation** : Sr. Business Architect, Project Manager

**Role:**

- Working on Skywalker project, which is logical name for group of 27 major applications for 4 function- groups i.e. "Customer Services", "Research Authoring", "Research Distribution" and "Sales Management".
- Analyzing and improving current processes to ensure the highest DevOps maturity level/rank
- Designing and implementing ESB (Enterprise Service Bus) to ensure proper data/message interfacing among systems/applications

**Title:** Shared-Capability

**Client:** TIAA Financial Services @ Charlotte, NC, USA

**Period:** Nov'2017 – Dec'2018

**Designation:** Sr. Data Analyst, Sr. Business Analyst (technical) for EverBank & TIAA integrations/merger

**Description:**

TIAA-CREF acquired EverBank (now renamed/known as TIAA-BANK) in mid-2017. With this acquisition, products (and respective sub-products) of EverBank (i.e. Lending, Deposits, World Market, and so on needs to be consolidated with/in products/sub-products of TIAA-CREF. (Phase-I) Data-migration, Data-integration and Data-movement from EverBank to TIAA-CREF. (Phase-II) Developed new UI and system, which will be one-stop-shop for all products of TIAA

**Role:**

- Managed the back-end design of marts for mutual-fund and other assets; the purpose of this data-model is to achieve predictive analysis and MIS reporting

**Title:** Security Data Warehouse

**Client:** Intel Corporation @ Folsom, CA, USA

**Period:** Dec'2016-Oct'2017

**Designation:** Enterprise Data Architect, Sr. Data Modeler, Data Analyst for OLAP Database Systems

**Role:**

- Created new data-warehouse Security Data Warehouse (SDW) in Enterprise Data Warehouse (EDW) for foundation-data for security-domain
- Designed the data-model with individual foundation and confidential 9 data-topics (Vulnerability, Software-Version, Windows-Patch, NIX-patch, and so on and then integrated them to pull/extract meaningful information through SSRS/Tabulae reports on Security and Vulnerability-scanning

**Title:** RASC / Reporting Team

**Description:** Designed, gathered and developed reports for Best Buy enterprise systems. The data required for reporting is stored in MS-PDW (Parallel Data Warehouse) and Teradata-EDW (Enterprise Data Warehouse)

**Title:** Best Buy Mobile – Reverse Logistics

**Description:** This is the program takes care of only MOBILE / CELL phone SKUs / Items

**Role:**

Finalized the program called "Automation Inventory Movement (AIM)" in Nov-2016, which will help to bring-in the returned/traded units as refurbished units (NEW SKU) in inventory for business

**Title:** Service Space Applications

**Role:**

- Suggested, designed and coded for the Clarify & Non Clarify types of objects
- Worked with respective DBA to implement the CLARIFY objects from DEV to PROD environments
- Used tool like AMDOCS DDEDITOR and AMDOCS DDCOMP to manage the CLARIFY objects

**Title:** Electronic Data Interchange- MF

**Description:** it is a communication channel to communicate specific and necessary data between Business and Other entities (i.e. supplier, manufacturer, shipping companies, etc.). The EDI message is following EDIFACT standards

**Role:**

- Decided to remove Mainframe system from the data-flow for the EDI message; due to the same new design and structure need to be defined for the following 2 EDI messages ;(1) 816 Message - Location Relationship (2) 140 Message - Serial Number Details for specific SKUs to track/control the user fraud
- Drove best solution, designed the canonical data model for new XML files and designed the data-mapping from various sources to various targets i.e. ECB and ETR

## Other Projects

- **Legal Request:** Legal request/Litigation data pull is an ad-hoc request/task for DA team, the legal request can be based on any of the Best-Buy USA systems/applications, the back-end can be Teradata, Oracle and SQL Server for the most of times. DA has to prepare query, data-dictionary and data-extract for the request as the deliverables
- **COM – Complex Pricing:** Complex pricing project deals with 2 major vendors/third-parties of Best-Buy i.e. E3 and Preditrix along with Accenture; Accenture owns all the major “system of record” for Best-Buy; which are required to generate/propose offer. DA deliverables for this project is all the data designs (i.e. CDM, LDM, PDM and Volumetric) and respective mappings for the both vendors
- **Archive Purge:** Identified all the tables of different having sales or payment related data from major 20 enterprise business applications/systems of Best-Buy USA; acted as the SPoC for this project from DA-Offshore team and analyzed, designed and signed-off DA-deliverables for all the 20 systems
- **TSH-Tag Super Highway:** Worked with Canonical Data Model, data mapping for XML/XPATH. Studying and designing common Canonical Data Model to access major various underlying databases via web services (i.e. .WSDL file). Working as a bridge between Web-Service development team and business specifications/requirements. So, working with XSD, XML and XPATH mapping for the same