Project Write Up



Project 1-US Bank

Project 2-BankUnited

Project 3-Nationwide Insurance

Mid Client- IT Avalon

End Client- Bank of the West

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**Project Write Up**

## Summary (Talk to me about your experience)

I have 7+ years of experience in mixed Domain like Banking and Insurance. I have worked with Bank United and currently working for US bank, San Francisco. I have worked on multiple projects, new loan origination, Development of internal and external facing web-based applications, data mapping and data model for wholesale banking department. I have worked on development using ETL tool- informatica, cognos and have experience in Performance tuning of informatica mapping and SQL queries. I was involved in development of Data Mapping, Data Governance, Transformation and Cleansing rules for the Master Data Management Architecture involving OLTP, ODS and OLAP. My responsibilities also included requirement gathering, creating Business requirement documents, Functional Requirement Document, doing Gap Analysis and also interacting with various stakeholders – business owners, vendors, and technical teams. I have been involved in all phases of SDLC from requirements gathering, designing, developing, testing, and release to the working environment.

# Summary (As copied from resume)

* To advance my career as a Senior Business Analyst/ Data Analyst by seeking a challenging position in a Banking/ IT environment, where I can utilize my expertise in systems analysis, project management and Banking domian knowledge, to streamline business operations and enhance personal and professional growth.
* Over 7+ years of diversified experience with strong Business and Data Analysis experience in IT industry.
* Experience in analyzing Business Requirements Documents (BRD), Functional Requirement Documents (FRD) and propose changes as per various internal and external requirements gathered for process improvement
* Strong business analysis skills and an understanding of the Software Development Life Cycle (SDLC) utilizing Rational Unified Process (RUP), Agile: XP, Scrum.
* Strong experience in Data Analysis, Data Migration, Data Cleansing, Transformation, Integration, Data Import, and Data Export through the use of multiple ETL tools such as IBM Cognos and Informatica PowerCenter.
* Experience with data analysis, data warehousing, data mapping and dimensional modeling experience in decision support systems (data marts) using Star Schema. Analysis & Design (Use Case, Sequence and Activity diagrams).
* Expert in Data Extraction, Data Mapping Transforming and Loading (ETL) using various tools such as SQL Server Integration Services (SSIS).
* Strong experience with Data Quality initiatives (Data profiling, improvement, accuracy, completeness, Data integrity, Data Stewardship and Data Governance). ETL Data mapping and validation/testing for Data migration.
* Strong skills in writing and optimizing PL/SQL stored procedures, functions and triggers.
* Generated Traceability Matrices to ensure that all the requirements are covered by the test cases
* Well versed in documentation of Product Definition Document (PDD), Business Requirements Documentation, System Requirement Specification (SRS) and Functional System Documentation (FSD).
* Experienced in conducting requirement analysis, use case design, designing test plans and developed database schemas based on the logical models.
* Excellent ability in gathering business requirements through various processes like Requirements workshop, user interview, business meeting, JAD sessions, JAR session, conduct focus groups.
* Extensively worked with Rational Rose, Use Cases and Test Scripts and delivered Functional Specifications and Software Requirement Specification (SRS).
* Good ability to gather business and technical requirements from both formal and informal sessions utilizing a variety of software tools including, Use Cases and the rational tools.
* Expertise with UML tools, applied for developing Use Case Diagrams, Activity and Sequence diagrams.

# Second Project :

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| --- | --- |
| **Client** | BankUnited |
| **Duration** | July 2012– April 2014 |
| **Role** | Business Data Analyst |
| **Address** | 14817 Oak Ln, Miami Lakes, FL-33016 |
| **About Company** | BankUnited is a [savings and loan association](https://en.wikipedia.org/wiki/Savings_and_loan_association) based in [Miami Lakes, Florida](https://en.wikipedia.org/wiki/Miami_Lakes,_Florida). It was seized by U.S. financial regulators and immediately handed over to a new [holding company](https://en.wikipedia.org/wiki/Holding_company), BankUnited, Inc |
| **Residential Address** | 14222 Marginada Ct,  Miami Lakes, FL 33014 |
| **Commute to work** | By car – around 15 mins |
| **Closest Major city** | Hialeah |
| **Business Team** |  |

**Environment:  
Microsoft’s Visual Studio, Microsoft SharePoint, XML, Visio, ERwin, SQL, Micro Strategy, Rational Rose, Rational ClearQuest, Informatica 9X, SSIS, T-SQL.**

# Project Description (Copied From Resume):

Development of internal and external facing web-based applications, which included implementation of a web based underwriting and loan processing system. Responsible for design and development of Reports, Dashboards, Analytics, Data Models and Business Intelligence (BI) solutions using SSIS, Micro Strategy and Business Objects for the Wholesale banking department.

# Responsibilities (Copied From Resume)

* Participated in business design sessions with clients and development teams to determine business requirements.
* Validated the ETL Informatica mappings, SQL queries and different ETL transformation.
* Planned and conducted requirements elicitation meetings with the business to collect functional and non-functional requirements relating to client's enhancement initiatives.
* Used SQL queries to extract data from different databases including testing and production for data validation and data analysis.
* Wrote and analyzed trending reports, drew extrapolations from findings to/with the project manager and the commercial team (SSRS, Excel, T-SQL, Queries)
* Supported the Master Data Management through data mining and analysis for client’s customer, item, and vendor master data
* Involved in tracking and Reporting Status of the Data Management Program to Management.
* Designed and developed Use Cases, Use Case Diagrams, Workflow diagrams and Activity Diagrams by using UML and Visio.
* Identified sourcing of data elements that are required to create all system interfaces (Data Services) and documented in ERwin Model Manager to create a data dictionary for all entities/elements.

## About Company

BankUnited is a [savings and loan association](https://en.wikipedia.org/wiki/Savings_and_loan_association) based in [Miami Lakes, Florida](https://en.wikipedia.org/wiki/Miami_Lakes,_Florida). It was seized by U.S. financial regulators and immediately handed over to a new [holding company](https://en.wikipedia.org/wiki/Holding_company), BankUnited, Inc. BankUnited was founded in 1984 and specialized in nonresident alien mortgages for foreigners wanting to buy Florida real estate

## Project Background and Description

## Team Size

Around 10 which included one Project Manager, 1 Business Analyst,1 Data Analyst, 1 Business Development Consultant , 4 developers (both FE and BE), 3 Quality Analysts.

## Kind of Testing

* Data validation testing.
* Checking the turnaround time of the various functionalities.
* Integration testing
* UAT testing.
* UAT regression testing

## Interaction with the QA Team and did you participate in any QA activities.

Yes, I did interact with the QA team and involved them from the beginning so that they have better understanding of the project and therefore can be held more accountable during QA.

Yes, I worked with the QA team as the test cases are made around the use cases and I was there as a bridge between the two (use cases and the test cases). I also made sure that the test cases that QA team prepared were correct as in matched the use cases.

I was also involved in Functional System Testing, Integration Testing, Regression Testing, and User Acceptance Test using the test cases given by the client before releasing the application.

**What is your experience with wholesale banking?**

I was involved as a prime BA in an identity and access management project for external users, working with wholesale banking team at BankUnited. I was mainly involved with the security and Identity Management team within the wholesale banking team. The project focused on consolidating identity and access management processes across multiple whole sale banking applications into one common infrastructure. The common infrastructure included Sun IdM (External User Management – Whole sale Banking), the LDAP server (consolidated customer Identity, online applications authenticated on LDAP). The main driver for this project was increased security, achieving compliance efficiency and improve overall efficiency in processes and operations. The whole banking team at BankUnited initially managed 10 applications. Some of them are.

* general lending
* payment and cash management
* leasing
* corporate investments
* treasury

Each of these applications individually managed their customer identity, security and compliance related needs. All these applications had an online component where customer representatives could log into the system, manage reports and take actions. I was responsible for identifying the core identity management process in all ten applications, which includes

* How do you register a customer
* How do you provide access to customer’s within the application
* How do you manage profile changes
* How do you delegate functionalities
* How do you modify access
* How do you remove customer identity

In order to identify these, I scheduled one on one meetings with application owners, business owners. And operations. Through these sessions I gathered relevant data, analysed it and represented the current state. The outcome of this exercise was coming up with a current state documentation, where I documented processes of each of these applications with the help of usecase and activity diagrams along with a presentation representing the current state.

During this exercise I identified common patterns and discrepancies across these applications and presented these to the business owners to validate them. After incorporating their comments, my step was to come up with standards based processes covering the identity management requirements of all these applications, which includes registration, access provisioning etc. The outcome of this was a documentation on future state processes. I went to each one of the application owners and operations, proposed the future state, incorporated their comments and worked on getting all application owners on terms with the proposed solution. The new process was documented as the Business Requirements Documentation. I then worked with IAM architects to understand the feasibility. After receiving approval on the document from all application and business owners, I shared and presented this document to the Management Engineering team.