

# Vipul Yadav

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## OVERALL SUMMARY

A dual-degree IT professional with 7 years of rich experience in Business Analysis, Software Testing and Data Analysis, well versed in integrating the Business Needs of the Company with the right IT solutions.

## PROFESSIONAL SUMMARY

- Efficiently Managed 15+ Product Requirements through Business/Functional Requirement Document elicitation
- Ensured Customer Product needs are well met through strong implementation of **STLC** and **SDLC** practices
- Led Test Strategy Design, Test Requirement, Test Plan creation and Test Execution for diverse clients

## ACHEIVEMENTS AND REWARDS

- Received “Employee of the Quarter” award for achieving up to 35% Cost Savings via Test Automation and for driving global innovation across projects through efficient **Business Process Design**
- Rewarded for playing a key role in designing **Business Documents** and Preparing Presentations to develop a strong Proposal that led to acquisition of \$10M integration testing deal

## EDUCATION

MS In MIS (Management Information Systems)  
Texas A&M University, College Station, June 2017

Bachelors In Computer Engineering  
DCRUST Govt University, May 2008, India

## TECHNICAL SKILLS

**Design Methodologies:** RUP, Agile /Scrum, Waterfall, Use Cases, UML/OOA

**Test Management Tools:** Quality Center, JIRA, Confluence, Rally      **Languages:** Java, C++, VBA

**Test Automation Tools:** Selenium WebDriver/TestNG, QTP, WinRunner, Shell Scripting

**PMIS:** Microsoft Project, SharePoint      **RDBMS:** Oracle, SAS, SQL Server, MS-Access, SSIS

**Reporting:** SSRS, Excel, Tableau      **Document Management Tools:** Microsoft Tools, SharePoint

## PROFESSIONAL EXPERIENCE

### TEXAS A&M UNIVERSITY

College Station, Texas

#### IT ANALYST

Aug-2016 to May-2017

- Performed Qualitative and Quantitative Risk Analysis for IT assets involving ALE (Annual Loss Expectancy), SLE (Single Loss Expectancy) , ARO (Annual Rate Of Occurrence), Risk Metrics
- Led Web Testing to find critical defects in OAL scheduler website and ensure timely fix to critical issues
- Designed Functional and Non-Functional Requirement Use Cases for Website Testing

### MASTERCARD FIRM - APT

Business Domain: FINANCE

Washington DC

#### Product Quality Analyst

May-2016 to Aug-2016

- **Primary Responsibilities:** Led Product quality management - Designed Test Requirements, created Requirement Traceability Metrics for 100% requirement coverage, designed short and concise User Stories and performed Test Execution to deliver a Robust and High quality product
- **Project: Customer Level Test Design** – The goal to the project was to validate “Customer Level Test Design” Analytical product to ensure that the product could cater to client needs for accurate forecasting
- Participated **JAD sessions** and interviews to ensure 100% coverage of Test Requirements

- Led 2-week sprint testing in agile mode by crafting Use Cases to ensure faster iterative development
- Orchestrated backend SQL testing to validate data consistency and integrity with front end system.
- Ensure 20% faster resolution to defects through informative logs and escalating issues during standups
- Helped team achieve Incremental innovation by designing **visualization** board to track product usage

ENVIRONMENT: CONFLUENCE, JIRA, SQL, MS OFFICE SUITE, MS VISIO, UNIX

AMDOCS

Gurgaon, India

Senior Business Systems Analyst

Oct-2010 to June-2015

- **Primary Responsibilities:** Efficiently managed 15+ Product Business and Functional requirements, while also helped the team achieve up to 40% cost savings on Manual Testing through Test Automation Scripts. Consistently delivered High Quality Products by leading System, Integration and UAT Testing.
- **Project: Advance Charging System:** The goal of the project was to ensure advance charging of subscriber bills for the subsequent months. Impacted Systems - CSM, UPS and Billing Systems
- Led active engagements with telco operators to manage BRD and FRD documents with 100% coverage and create engaging and ease to understand document via mockups, flow diagrams and Use Cases
- Orchestrated knowledge retention process by development and documentation of **System Requirements**
- Performed DDL/DML/ DCL operations for Backend Data Validation and Dummy Data Creation for UAT Testing
- Led Test Strategy development for 12+ projects and performed System/User Acceptance testing
- **Project: VOLTE Network:** The project was introduced to migrate all prepaid and postpaid subscribers from existing 2G Network to 3G LTE network to provide faster and more reliable services to the Customers
- Helped achieve up to 40% **Cost Savings** by designing Automation Scripts using Selenium WebDriver
- Created efficient Test Plan and Test Execution Strategy leading to 5% reduction in Testing Cycle
- Defined Requirement Traceability Metrics using HP-QC to ensure 100% coverage of functional requirements
- Conducted workshops for development team to help build right product through FRD walkthrough.
- Collaborated closely with development team to ensure faster defect fixing and escalate issues if needed
- Performed Integration Testing covering all the systems from CSM→ UPS→ MAF/MPS→BILLING→AR
- Identified **UAT** test scenarios and performed UAT testing on client site in production environment

ENVIRONMENT – MS OFFICE, MS VISIO, HP-QUALITY CENTRE, SHAREPOINT, JIRA, ORACLE, SELENIUM, UNIX

TATA CONSULTANCY SERVICES

Mumbai, India

Systems Analyst

Business Domain: Telecommunications

Jun-2008 to Oct-2010

- **Primary Responsibilities:** Analyzed Functional Requirement documents to optimize Test Requirements. Automated Regression and Sanity Testing saving 30% manual testing budget
- **Project: ATCA System:** The project was introduced to implement active-standby configuration of network elements for redundancy and high availability of network elements
- Designed Test Plan, created Test Cases and Performed Test Execution for the project
- Reduced Sanity Testing execution time by 30% by eliminating Manual processes via Unix **Shell Scripting**.
- **Project: GUI Web:** The goal of the project was to create a Web Portal to track real time status of Web Element
- Led GUI testing for the network elements to ensure real-time status monitoring of Network Elements
- Wrote SQL Queries for mapping device information with the right access information (IP, PORT No)
- Ramped down defect backlog by 25%, by designing a **Business Process** that ensured higher accountability

ENVIRONMENT – MS OFFICE, HP-QUALITY CENTRE, VISIO, D2CCM, SQL, UNIX, SHELL SCRIPTING