**Maulik Patel**

Colonia, NJ 07067 | [maulikp3@gmail.com](mailto:maulikp3@gmail.com) | 732-208-6144

[linkedin.com/in/maulik-patel3](https://www.linkedin.com/in/maulik-patel3)

**Tester | QA Analyst**

Extensive experience in Software Quality Assurance and ETL Testing and strong knowledge of Software development life cycle (SDLC) and Software Testing Life Cycle (STLC). Hands on experience in analyzing Business Requirement, Functional Requirement, Design specification and developing Test plan and Test scenarios.

Skilled in data warehousing and database testing in financial and banking industries. Hands on experience in functional testing, Integration testing, data centric testing, system testing, regression testing, coordinating User Acceptance Testing (UAT) and End to End testing.

Expertise in Defect Tracking, Defect management and Bug Reporting using tools like Clear Quest, Test Director, and Quality Center. Ability to work as independent and team member in challenging and cross platform environment.

* Advanced Excel
* Python (NumPy, Pandas, etc.)
* JavaScript (D3.js, Leaflet.js)
* HTML / CSS
* API Interactions
* Social Media Mining
* Hadoop
* Advanced Statistics
* Machine Learning
* R
* Git / GitHub
* Data warehousing
* Databases
* Waterfall, Agile, Scrum methodologies
* Crystal Reports, Hyperion and Tableau
* SQL, Oracle, DB2, UNIX, Python, Basic HTML.
* BI processes
* Rational Clear Case
* JIRA, HP ALM

**PROFESSIONAL EXPERIENCE**

**Data analyst Rutgers Data Science Bootcamp**

**Project - 1**

Worked on creating model that predict Used car prize accurately, created model using Python, Pandas, Matplotlib, Seaborn, sklearn, MySQL, SQLAlchemy, Flask, html, css, Java Script

* Data Characteristics and Exploration
* Model Selection, Interpretation & Prediction
* Summary and Future Scope

**Project – 2**

Analyzed sales tax data from all US stats and territories, by using Python (NumPy, Pandas, etc.)

* Analysis of sales tax in US States
* States that have or don’t have taxes
* Find States with lower taxes and States with higher taxes
* Identify the impact of multiple tax levels in States

**Bank Of New York,** Mellon, PA **2017 – 2018**

**Sr QA Analyst/ ETL Tester**

Worked as a QA for upgrading web application with new functions, which is extensively used by most of its customers. Conducted manual testing in an HP Quality Center environment using Crystal report, regression and system testing, HTML and Oracle.

* Analyzed specifications and collected information from developers and based on business requirements in order to develop and execute test cases; extensively participated in preparing test procedures.
* Conducted Testing on ETL Processes (Manual testing), prepared and executed test cases for Source to Target verification, Data Quality verification, Referential Integrity and Meta data verification.
* Performed End to End testing, utilized ODI as ETL tool
* Attended Clients, Vendor related calls and meetings so that proper planning could be done for a successful testing.
* Performed functional, regression, system, compatibility, and User Acceptance Testing, for verifying application functionality.
* Executed manual test cases and bug tracking tool to store the details of bugs for enhanced regression test and to enhance version control.
* Performed backend testing using SQL queries and assisted developers in tracking problems and resolving technical issues.

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**Royal Bank of Canada (RBC),** New Jersey **2014 –2016**

**Sr. ETL Tester**

Sr. QA Analyst in various projects related to core banking applications involving Enterprise Data Warehouse Systems, Card services and Anti Money Laundering and Detection. Tested TSYS Systems (TS2) regarding credit card data. Performed testing in an HP Quality Center using

Application Lifecycle Management Tools and coding (XML, HTML, WDL) with a SOAP user interface on a Teradata platform in a Mainframe and UNIX environment.

* Led the QA team and guided them through Software Testing Life Cycle. Identified testing scope for various IT Projects to estimate time it would take to test. Prepared Master Test Plans (MTP) for testing strategy to produce test cases and traceability matrix reports.
* Handled review meetings, Defect Triage meetings, and testing status meetings.
* Interacted with Business Systems Analyst, Technical Systems Analyst, DBA and Project Manager to understand the requirements.
* Analyzed Business Requirements documents to design the test cases and testing scripts.
* Conducted Testing on ETL Processes (Manual testing), prepared and executed test cases for Source to Target verification, Data Quality verification, Referential Integrity and Meta data verification.
* Performed End to End testing from On-line screens to Back-end databases and to OBI (Business Intelligence) Reports using ETL processes and Web Services testing,
* Responsible for Defect tracking and test summary report, prepared QA metrics for QA Management review.

**Bank of the West,** San Ramon, CA **2011 – 2014**

**ETL/QA Analyst**

Verified daily transactions of deposits, withdrawals, interest calculations and reconciled the same for a number of Sample Test Accounts using SQL queries. Worked with third party vendors for credit check of the banking customers.

* Worked closely with team to create test scripts using IBM Rational Functional Tester and Rational Manual Tester Wrote very complex SQL to validate several business intelligence (BI) Reports.
* Performed End to End Testing and migration and Extensively used Teradata and Putty for the entire project and used Agile-testing methodology for achieving deadlines in UAT.
* Tested dashboards using MicroStrategy for business analysis and validated end user report requests using SQL tools (TOAD).
* Developed Test Plans, Test Cases, and Test Scripts for System Integration Testing (SIT).
* Responsible for validation of Target data in Data Warehouse and Data Marts which are Transformed and Loaded using Informatica components.
* Tracked defects using HP ALM tool and generated defect summary reports and prepared status summary reports with details of executed, passed and failed test cases.

**EDUCATION**

**Bachelor of Science (B.S.), General Studies**

**Rutgers University,** New Brunswick, NJ