**Employer details:**

**Shravani**

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# Bindu Nagireddy

Business Analyst/Quality Engineer

Quality Engineer with 8 plus years of experience in analyzing, reviewing, and understanding Business/Functional requirements and skilled in developing, documenting, and executing test cases manually as well as generating automated scripts for TDD, BDD, API Testing. Quality Engineer with experience in Logistics, Financial, Retail and Healthcare/Health Insurance functional domains. Excellent interpersonal, communication and leadership abilities, and possess a wide range of technical skills. Enjoys being part of a team and excels at managing, motivating, and training a productive high-performance team, also thrives in high pressure and challenging work environments.

**Professional Summary**

Business Analyst/Quality Engineer Team lead with over 9years of experience with NapierHealthCare,Cognizant,Oracle,Renew Financial,JBHunt

A functional and technical Business Analyst with over 7 years of experience in Gathering Requirement, Business

Process Design, Data Management, Data Analysis/validation, Data Warehousing and Business Intelligence &amp;

Reporting Tools.

* Experienced in all levels of Testing such as Positive testing, Negative testing, Functional Testing, Integration Testing, System Testing, Regression Testing and User Acceptance Testing (UAT), Black box testing, Cross Browser Testing.
* Able to maintain the highest level of quality assurance best practices using QA Standards, and the company’s Software Development Life Cycle.
* Worked in a highly dynamic AGILE environment and participated in scrum, sprint meetings and in waterfall environment as well. Finished the PSM1 Agile certification.
* Extensive experience in Quality Assurance using Manual and automation tools which includes Selenium Quality Center, Cucumber, Azure CI/CD, Jenkins, SOAPUI and TestNG, Maven
* Extensive experience in automation of Web-based, highly transactional, and large applications.
* Expertise in documenting defects with high level of detail, accuracy, and informative steps using   Quality Center, JIRA, Azure dashboard
* Possess the expert level of understanding of WSDL, WADL, and XML documents for Web Services. Performed manual and automation testing of Webservices, API Testing using SoapUI for SOAP, REST, HTTP. Used Rest Assured for automation testing of Webservices.
* Performed Cross browser testing for different browsers like Firefox, Chrome and operating systems like Windows, Linux, and Mac using TestNG, Java, and Selenium, Protractor and Typescript.
* Developed Hybrid Framework Data Driven Testing and POM framework from scratch using Selenium WebDriver, Protractor Typescript for Angular applications.
* Implemented the Selenium Synchronization using Implicit Wait, Explicit wait, and Fluent Wait.
* Expert Knowledge on TESTNG and performed data driven testing.
* Performed continuous integration of code and scripts using Jenkins and Azure DevOps. Configured and launched builds using Jenkins build jobs and analyzed the Test Results from Jenkins email notifications and same with Azure.
* Ability to connect with the Database to execute SQL statements for Data Validation (Database testing). Extensive experience with Administration of Oracle, MS SQL Databases. Written SQL queries using TOAD/MySQL workbench to validate the data from different tables. Dynamic data management connecting to the DB’s from scripts – Dynamic Test data management.
* Worked in Agile/Waterfall projects and Successfully took over various process transitions from offshore teams
*  Delivered high quality functional and non-functional requirements using Business requirements documents,
* process flows, User Stories, Acceptance Criteria, Data flow diagrams
*  Facilitated strong communication with Clients, the Business Owners across all the departments and internal teams
*  Experience in conducting User Acceptance Testing (UAT) and SWOT analysis
*  Experience in establishing new internal control rules in compliance with the Sarbanes-Oxley Act
*  Experienced in working with TFS, JIRA and Confluence
*  Effectively been involved in conducting Business Analysis, scope identification, requirements gathering and
* analysis, feasibility analysis, gap analysis, and Training to end-users
*  Generated clear and concise documentation and communicated effectively to business users and project
* management team across all phases of the project
*  Analyzed data collected in stores (T-SQL, jobs, stored procedures, and queries) and provided reports to the
* client’s team (Excel, VB Script, Macro)
*  Experience in SQL and testing performed analysis and presented results using SQL, MS Access, Excel, and Visual
* Basic scripts
*  Played the role of scrum master/Senior BA for the Development teams and Facilitated project status meetings
* and provided weekly status reports to all stakeholders
* Used JDBC for automation testing of Databases.
* Good knowledge on Unit and Integration testing and analyzing the Sonar quality gates.
* Good knowledge on Unit Testing and Spring Boot Basics and active MQ’s.
* Experienced in using Apache POI to read the data from Excel to feed test data sets into the test scripts
* Hands on experience in using build and project management tools like ANT, MAVEN and Configuration management tools like SVN, GIT.
* Involved in Manual testing & Tracking defects using JIRA.
* Good experience in OOPs using Core Java and extensively used classes, objects, data structures, Inheritance, Polymorphism, Exception Handling, Packages, Collections and much more.
* Expertise in creating Requirement Traceability Matrix (RTM), Daily/Weekly Status Report, Defect Report and Project Report.

**Technical Skills**

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| **Testing Tools** | Selenium WebDriver, WebDriverIO, Protractor with TypeScript, Junit, CypresRest,Cypress  assured assyred Cucumber. |
| **Methodologies** | Agile (Scrum), Waterfall, SDLC, STLC. |
| **Languages** | Java, HTML, XML, Gherkin, Typescript |
| **IDE** | Eclipse, SQL Developer,VSCode,Intellij |
| **Test Framework** | Page Object Model (POM). |
| **Web Debugging Tool** | XPath, Firepath, Firebug. |
| **Utilities** | AutoIT |
| **Build Tool** | Ant, Maven. |
| **Bug Tracking Tools** | JIRA, Quality Center, Azure Dashboard |
| **Test build, Integration Tools** | Maven, ANT, Jenkins, Git |
| **Databases** | Oracle, MySQL, Postgres, DB2 |
| **Operating Systems** | Windows, Linux |
| **MS Office tools** | Outlook, Word, Excel, PowerPoint. |
| **Browsers** | Internet Explorer, Mozilla Firefox, Google Chrome, Safari |

**Work Experience**

**JBHUNT**

**Senior Business/Quality Analyst**

**May 2018 to till date.**

* Working as Quality Engineering consultant/Technical Business Analyst, leading a team carrying out the enterprise level initiative of driving Test driven development and enterprise level automation.

Analyze the business requirement gathering, attend stakeholders’ meetings, create user stories and conduct grooming sessions, conduct all sprint planning meetings.

Walk through the BRD the team

* Creating and updating UAT testcases, running the regression testcases during the install cycle.
* Performing functional testing on different environments
* Being a team player and sharing information with teammates
* Making sure to include updates to BRD and upload the revised version to confluence
* Reviewing the translations and uploading to the shared BOX
* Assessing developers while building the features , userstories.
* Keeping a track of the defects while functional testing and raise these issues with developers
* Responsible for developing and maintaining required documents like BRD, translations, testcases, MPAs
* Analyze the business need and Request for Changes (RFC), update
* Working through assessing the squads at JBHUNT and improving the Quality of the squads, imparting test-driven development. Setting up the protractor framework and starting off the squads to
* API testing through Rest Assured and guiding the squads to set up the same.
* Maintenance and running of scripts on CI (ADO)
* Working as an QE /Technical Business Analyst where we work standardization, maturity among the squads (Development teams)
* Making sure the user stories are meeting the acceptance criteria in the sprint and create any defects if found.
* Working through areas like Sonar, Unit/Integration testing, Protractor, Angular.
* Identify process deficiencies in all teams across the enterprise by analyzing squads, conducting assessments, and providing recommendations to improve quality and application reliability.
* Analyze application repositories to identify anti testing patterns and provide feedback to help improve the test coverage. Covering and Testing all possible positive and negative scenarios
* Validate teams for physical, quality, and environmental readiness for being able to release to production any time.
* Create test suite by analyzing the changes of the application, determining the types of test cases required, structuring the model for testing.
* Create/maintain common functional library and object repository for automation(web/mobile) framework.
* Design regression strategy by identifying and executing appropriate testing environments.
* Develop quality assurance strategy by coordinating with project team, defining entry/exit criteria, setting standards, setting standard and expectations.
* Ensure requirement traceability matrix (RTM) is evaluated, applied, and maintained by leveraging multiple content for review, using the test management tool, mapping to the project requirement document.
* Maintain existing test automation framework by keeping software configuration management (SCM) intact.
* Manage test repository by conducting periodic reviews, ensuring alignment with current product solution.
* Provide testing process by managing systems integrations and user acceptance testing (for example, regression and functional testing).
* Setting up the scripts to run on Azure pipelines and debug issues faced with various Agent pools.
* Involved in Unit an Integration testing for some dev squads and measuring the code coverage.
* Managing the product backlog items, sprint backlog items, sprint planning , sprint demos etc
* Manage project testing, strategy, and plans for multiple projects by collaborating with project leads, conducting analysis, designing the process.
* Advise teams on the principles and benefits of DevOps and Agile delivery.
* Provide insight to Lead Team by communicating specific requirements, providing quality status updates, and counsel on risk management.

**Environment**: Java, Protractor, Typescript, Cypress Jasmine, Maven, DB2, Junit, Microsoft Azure, Git, Mainframe, Jenkins, Git, Subversion, Mockito, Wire Mock, Windows, MS Office Suite.

**RENEW FINANCIAL**

**Senior Business/Quality Analyst July 2017 to May 2018**

Description:

Worked as a technical/functional Business analyst and involved in the UAT Testing of FICAM – Application (Cash and Asset Management Application) of Renew Financial. RF grants PACE loans to the customers for setting up Renewable Energy resource projects on Property in California as well as Florida. The contractor’s payments, PACE loan details, The Investor details, Exchanges, Transfers of Loans, Bond payments is handled via this Application.

Responsibilities:

* Involved in performing Manual testing, using JIRA as a Bug reporting tool.
* Lead an offshore testing team, working in a Agile environment.
* Participate in product design reviews to provide input on functional requirements, product designs, schedules, or potential problems and actively involved in Client Demos.
* Analyze the business need and **Request for Changes** (RFC) and work with stakeholders in scope definition
* Facilitate and manage meetings, issue management, and facilitation of regular checkpoint meetings throughout the **SDLC.**
* Keeping **track of the Release blockers** from the QA team and discuss with the Senior PO if they want to go for a release based on the statistics or will be deferred.
* Used **TFS** for documenting **user stories** and plan for grooming the stories. **Defect tracking** etc.
* Responsible for developing and maintaining requirements documentation including **Proposed solution documents (PSDs), System requirement documents (SRDs),** system process flows, and storyboard for user interface changes.
* Involve in development, systems testing, and reporting activities to define scope, purpose, requirements, and the solution.
* Review **test cases**, monitor testing defects and manage project risk.
* Run **SQL queries** to support project analysis and monitor production data.
* Provide support to operations, training help with data analysis and resolve the issues that arise in production.
* Perform project management duties for agile projects, such as **status reports**, **Dashboards**, and team meetings.
* Conducting requirements review and sign-off with all stakeholders, including the development team.
* Collaborated with enterprise and domain technical architects, other technology staff, and QA to establish initial architecture, testing plan and to manage risk.
* Design test plans, scenarios, scripts, and procedures.
* Performing API testing using Swagger and Postman.
* Handled UAT for FICAM project. Direct interaction with the clients regarding the Demo of the applications and

Taking the user feedback into consideration and implementing the changes.

Being available to test immediately as and when there was a data refresh.

* Scheduling jobs on Jenkins to run the Test suites automatically.
* Involved in cross browser testing of the Application.
* Performing Database testing on Postgres DB.
* Working on FICAM automation through Protractor and Webdriver IO.
* Working in highly Dynamic Agile Environment and meeting the Sprint deliverables working together with offshore team.
* Involved in Direct Interaction with the Client and responsible for Client Demo’s at the end of every

Sprint to show the progress of the Application and get Sprint sign-off.

* Analyze the Business Requirements and closely work with the Business Team to get the clarifications on requirements, also took the responsibility as business Analyst.

Environment: Selenium WebDriver, Jenkins, Postman, Swagger, HTML, JIRA, Microsoft Oﬃce, Eclipse, Maven, TestNG, Agile, Postgres, Git, Appium ADMIN 4, MS Office Suite,SQL

**ORACLE PVT. LTD**

**Business/Quality Analyst**

**Apr 14 to Jan 2016**

Description: Involved in testing and maintenance of an Oracle Internal portals. This intranet site is used for employee communication, human resources, employee information and organization charts and information and to provide various other functionality. This project involved in testing to the web pages group using JavaScript, HTML. Developed and tested an online time entry, expense reports submission, login, Web Applications of Exadata Support, my oracle support, and report generation programs

* Wrote and analyzed user stories and conducted Sprint planning, Review Sessions & Scrum Meetings and developed Test scenarios, Test cases, Test data.
* Evaluated and inspected the product developed each **sprint** along with other stakeholders during the **Sprint Review Meeting**, as demonstrated by the development team.
* Documented the detailed **Business Requirement Documents** (BRDs) and translated them into **Functional Requirement Documents (FRDs) and Use Case Documents (UCD's).**
* Collaborated with **data modeling** team to build **ER Diagrams** by identifying data objects and constraints.
* Performed **SQL queries** to retrieve and validate data, prepared **data mapping** document.
* Acted as the single point of contact for the development team (with Functional and Non-Functional Requirements) and business users, functioning as a liaison between the business and the technical teams.
* Facilitated the Pre UAT (User Acceptance Testing) and UAT; assisted QA Analysts in creating **Test Scripts, Test Cases and Test Scenarios;** quality procedures such as Black Box Testing and Regression testing; **SOAP UI for API Testing.**
* Involved in defining the source to target data mappings, business rules, and data definitions.
* Worked closely with QA team to create **Test Plans, Test Objectives, Test Cases and executed Smoke Testing, Performance Testing, and UAT.**
* Testing the data loads in DEV, TEST environments.
* Implemented Cross browser testing and Data driven testing using @Parameters and @Before Class annotations.

Used Defect tracking and project management tool Jira.

* Performed Agile Management using Jira Epics, User stories, Sprints.
* Managed the framework dependency jars using Maven.
* Performed Database testing using SQL scripts
* Tested the acceptance scenarios of the Insurance application using BDD Gherkin features, scenarios, scenario outlines using Cucumber.
* Performed Database Testing using SQL and JDBC.
* Performed testing of Oracle test database and writing and running SQL queries.

Environment: Selenium Web driver, Selenium IDE, Jenkins, SoapUI, HTML5, XML, JIRA, Microsoft Oﬃce, Cucumber, Eclipse, JUnit, Maven, TestNG, Agile, Oracle, Git, SQL

**COGNIZANT TECHNOLOGY SOLUTIONS**

**Client: LOBLAW RETAIL**

**Role: Business/Quality Analyst**

**July ‘12 to Apr 14**

Description: Canada's food and pharmacy leader, with a network of corporate and independently- operated stores in communities across the country. Performed Automation testing for Loblaw’s Web Application. The end users search for the products and proceed to checkout after providing the shipping, billing details

Quality and Business analyst for Loblaws login and billing app.

* Analyze the Business Requirements and closely work with the Business Team to get the clarifications addressed. Performed the role of both Business Analyst and Quality Analyst for the team.
* Created Test plans, managed team members, assigned tasks, and conducted meetings.
* Gather Client requirements from the offshore teams and create User stories based on the Requirements.
* Grooming the stories with the Development Team.
* Assisting in resolving scope, requirements, and other technical/process related queries.
* ATDD (Acceptance Test Driven Development) using Cucumber Features, Scenarios and Step Definitions. Wrote Scenarios, Scenario outlines and step definitions using Gherkin in Cucumber for BDD
* Participated in functional walk-throughs to validate the application design against the test cases written.
* Triger and monitor test results before install and confirm all the criteria are met before going to release and sign off.
* Tracked and analyzed the defects found during testing and work with the developer in getting the defect fixed according to the severity and priorities.
* Actively participated in scheduled conference calls with different regions to review the testing status.
* Worked closely with users and coordinated user acceptance testing for different projects.
* Prioritized tasks escalated customer issues and collaborated team efforts to drive problems to resolution.
* Interacted with clients during requirements gathering to articulate functional requirements into technical specifications and designed the functional and technical documents.
* Performed System, Integration, Smoke, Sanity, Functional, End to End, Positive and Negative and monitored the behavior of the applications during different phases of testing using testing methodologies.
* Planning for Test Execution activities to accomplish tasks on the daily/weekly basis.
* Dealing with process errors with **RCA** (Root Cause Analysis) method.
* Also involved Administration of Oracle/SQL databases, testing after data refreshes, involved in performing the Test DB refresh.
* Taking backups of Databases when there is a data load / testing the latest patches on the DB etc.

Environment: Scrum, JIRA, HP Quality Center, SQL Server, Oracle, Business Analysis, Database Administration /testing

**Napier Health Care Solutions**

**QA Analyst**

**Aug 2011 to May 2012**

Product Description: An Electronic Medical Record EMR is computerized medical record created in an organization that delivers end to end details of a Patient registered in the Hospital. Electronic records tend to be a part of a local stand-alone health information system that allows storage retrieval and modification of records.

Responsibilities:

* Worked on developing and the front end of the hospital Management Systems by designing Login pages (Flex) and testing the built modules.
* Experienced in Web development using Java Scripting, HTML, CSS built all the login pages of the Hospital Management system.
* Daily job responsibilities include Creating test databases.
* Database security and Auditing (creating users and granting the privileges for the global users to do the transaction on the database)
* Creating tables that are required to store the information regarding the hospital and patients.
* User & Table space Management.
* Analyzed Business Requirements and Identified documents required for system and functional testing efforts for all test scenarios.
* Using Quality Center for Test Planning, Test Lab, Requirements and for defects Reports
* Prepared Test cases for Positive and Negative test scenarios as referred in the User Stories keeping in mind Boundary Value Limitations, Equivalence classes.
* Created & maintained the Traceability Matrix for all the requirements
* Widely used Quality Center (QC)/ALM for creating and executing Test Cases.
* Worked with developers to update the defects, resolve, and track their status using JIRA
* Involved in developing custom renditions using DFC libraries.
* Performed GUI, Functional, Negative, Positive, Regression and User Acceptance Testing.
* Performed Manual testing, Database Testing.
* Updated Reports and dashboards to display the status of test coverage including the number of test cases passing, failing, or pending.
* Involved in Managerial Meetings and attended various conference calls at different levels from QA, Developers, and Clients.
* Interacted with Project Managers, developers, and business management in reviews and solving the problems encountered in the applications.
* Provide support to operations, training help with data analysis and resolve the issues that arise in production.
* Conducting requirements review and sign-off with all stakeholders, offshore teams, including the development team.

**Environment:** Manual Testing, QC, MS SQL Server 2005

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| * Education Qualification | * University |
| * Bachelor’s in computer science and Engineering | * Jawaharlal Technological University (JNTU) |

Certifications:

OCA -  [Oracle Database 11g: Administration I](https://wsr.pearsonvue.com/testtaker/registration/ExamRegistrationHistory/ORACLE?conversationId=691278)

[Oracle Database 11g: SQL Fundamentals I](https://wsr.pearsonvue.com/testtaker/registration/ExamRegistrationHistory/ORACLE?conversationId=691278)

PSM1,PSM2 – Professional scrum master certification

AZURE - Azure Certificated Associate – Azure Fundamentals AZ-900