Pavani Vithala

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Git hub: https://github.com/Pavani-Vithala/Pavani-Vithala.github.io.git

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PROFESSIONAL SUMMARY

- Software professional with 14+ years of experience in building front end as well as server side applications. Also experienced in testing business critical projects in the Banking, Insurance, Telecom, Healthcare and Hi-Tech industries globally.

- Specialization in Functional Testing and Data Warehousing– demonstrated outstanding capability to comprehend complex business functionality and convert it into meaningful test objectives covering all business, functional and technical requirements. Well acquainted with data warehousing concepts and development

- Strong SQL skills and is skilled at writing complex queries to extract data from multiple data sources

- Proven expertise testing E2E data flows from diverse data sources, testing end user reports, cubes and dashboards facilitating trend analysis and business decisions

- Demonstrated effective test design and execution skills in her projects consistently achieving 100% Defect Removal Efficiency in the testing phase.

- Well acquainted with all phases of SDLC and has hands on experience in Development, Testing and Production Support

- Demonstrated her ability to drive Test Automation in projects. She is an expert at identifying maximum scope for automation and has reduced the testing cycle time by up to 90%.

- Expertise in leading testing effort for projects in Agile as well as traditional waterfall models and has developed efficient test plans to conduct effective testing in constraints like frequently changing requirements, shared test environments, unstable builds, and globally distributed teams

- Onsite experience of 4 years and is good at handling clients directly and efficiently with her communication skills and good understanding of the problem at hand.

- Certified Software Test Engineer (CSTE) from QAI and holds a Masters' Degree in Computer Applications with distinction.

CERTIFICATION

- Full stack developer from University of Toronto
- Certified Software Test Engineer (CSTE) from QAI, Florida
- Merritrac Data Warehousing certified professional
- Merritrac PL/SQL Certification
- Anti-Money Laundering(AML) CERTIFICATION BY Scotia Bank

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- Diploma in Advanced Software Technologies (DAST) from CMC, India

EDUCATION

Master of Computer Applications   With distinction from Osmania University, Hyderabad

TECHNICAL SKILLS

LANGUAGES	C, C++, Java ,PL/SQL, HTML, CSS, Java Script, JQuery, NodeJS
QUALITY TOOLS	HP ALM 12.20, VSTF, MTM,ALDON, JIRA, Confluence
OPERATING SYSTEMS	WINDOWS NT/1995/1998/ 2000/ XP/Vista/Win 7, UNIX
DATABASES	SQL Server 2012, Oracle 9i, DB2,Firebase
SOFTWARES	MS Project, MS Visio, MS Word, MS Excel, MS PowerPoint
Tools	DataStage PX, Informatica 8, Win Runner, QTP, TOAD, Universal Studio,VS code, Git

PROFESSIONAL EXPERIENCE
UOT Full Stack Developer Bootcamp, Toronto
Sept 2018 – Till Date
Developer

This bootcamp provides hands on experience to become a full fledged full stack developer. As part of the bootcamp so far, I have developed the below apps.

- MongoScrapper –
  Link to the app: https://afternoon-tor-61307.herokuapp.com/
- Eat-Dat-Burger –
  Link to the app: https://evening-sea-46093.herokuapp.com/
- Friend Finder -
  Link to the app : https://rocky-journey-96965.herokuapp.com/
- bAmazon -
  Link to repo: https://github.com/Pavani-Vithala/bamazon.git
- liribot -
  Link to repo : https://github.com/Pavani-Vithala/liribot.git
- BestRecipe – Best Price (Group Project) - The project Best Price best Recipe solves the below 4 problems. What meal to cook? What ingredients make up the final dish? How much do these ingredients cost? Step by Step guide on how to cook the dish at hand?
  Link to app: https://github.com/Pavani-Vithala/TheRegalRavens.git
- Train Scheduler
  Link to app: https://pavani-vithala.github.io/TrainSchedule/

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- GifTastic
  Link to app: https://pavani-vithala.github.io/dynamicgifs/
- Trivia Game
  Link to app: https://pavani-vithala.github.io/triviagame/

TechMahindra, Canada
Client: ****** (Jan 2016 – Till Date)**
Sr QA Lead

Project Description: The project caters to the bank's need to generate new campaigns and maintain customer interaction through the analysis of customer profile and transactions and suggesting the next best activities for the customer. The campaigns are released simultaneously to various channels thought which the customer can be interacted with. Any actions taken by the customer in any of the channels reflects in all the other channels in which the leads are presented. NBAs are displayed based on ranking which takes into account customer eligibility criteria defined by business

Roles and Responsibilities:
- As a Sr. QA Lead, I am responsible for thorough understanding of the requirements over multiple releases
- Responsible for relationship management with various teams including business
- Effort Estimation and planning
- Task Allocation and tracking
- File validations and ETL validation of Informatica jobs
- Database validation in comparison to source systems
- Automation scope identification and implementation
- Defect logging and reporting

Accomplishments

- ✓ Established Excellent Rapport with all teams within the project in a very short time
- ✓ Showcase of expertise in handling conflicts among teams
- ✓ Automation of whole file validation using Unix Shell scripting which reduced the validation time from 1 day to 1 hour per file
- ✓ Proposed and implemented many best practices accepted by all teams.

Environment & Tools: Informatica, Unix, SQL Server, Excel, HP ALM

TechMahindra, Canada
Client: ******* (Mar 2015 – Dec 2015)**
Senior Business Analyst

Project Description: Counselor is a powerful Customer Relationship Management (CRM) application which allows you to build solid, mutually beneficial customer relationships. It allows you to prioritize your activities, manage your agenda, track referrals and, most importantly, allow you to provide the advice, counsel and support which your clients are looking for from you. It's a resource which will set you apart from your competition, and allow you to consistently exceed your customer's expectations.

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Roles and Responsibilities:

- As a senior business analyst, I am responsible for thorough understanding of the requirements over multiple releases
- Responsible for relationship management with sites as well as Customer Experience team
- Ticket analysis, resolution and follow up for closure
- Data fixes through RFCS (Code change, Data change)
- Parameter changes through RPCs (Mapping request, product definition changes)
- Track job failures
- Maintain product definition and mapping changes across fiscal years
- Documentation of any major code changes due to production issues
- Own the production Environment and track any changes
- Provide Production support statistics on a bi weekly basis
- Responsible for all the incidents in the production log related to the application in any level

Accomplishments

- ✓ Took over the whole production support in less than a month's time span
- ✓ On time deliverables with Quality
- ✓ Process improvements in areas like analysis, reporting and documentation
- ✓ Created Templates which standardized the site and business requests leading to a reduction in turnaround time

Environment & Tools: ASP.NET, C#.NET, Java, J2EE, MS SQL Server, ALDON

TechMahindra, Canada
Client: **** (Mar 2014 – Feb 2015)**
Onsite QA Lead
Project Description: The project is about the E2E testing of an application developed for insurance sales which caters to multiple countries, multiple currencies, multiple insurance companies, multiple sales channels, automate billing, customer service and cancellations for both client's and Non client's customers

Roles and Responsibilities:

- As an onsite test lead, was involved in planning, coordination and review of offshore deliverables
- Responsible to Develop Test Plans and Test Cases, Test Execution, Defect Management
- Report testing metrics including Testing Progress – Planned vs Actual, Bug Velocity, Schedule Variance, Test Effort Burn-down charts, Product Quality – Defects by severity by product area, Quality of Testing – Defect Removal Efficiency, Rejected Defects etc.

Accomplishments

- ✓ Management of frequently changing team
- ✓ On time deliverables with Quality
- ✓ Process improvements in areas like transitions, reviews and scripting

Environment & Tools: ASP.NET, C#.NET, Java, J2EE, Oracle, HP ALM

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Microsoft, India
Client: Microsoft Finance team (Nov 2010 – Nov 2013)
Senior SDET (Systems Development Engineer in Testing)
Project Description: The product catered to the reporting needs of the Microsoft Finance team by providing various dashboard reports and cubes for the strategic decision making for all the ERP product sales. The project involved end to end testing of data from source systems till the final reports and cubes in various dimensions

Roles and Responsibilities:
- Define Testing Strategy and approach for testing phases across the lifecycle from Dev Integration Testing, SIT, UAT to Production Acceptance Testing and Production Support
- Responsible to Develop Test Plans and Test Cases, Test Execution, Defect Management and Test Automation
- Report testing metrics including Testing Progress – Planned vs Actual, Bug Velocity, Schedule Variance, Test Effort Burn-down charts, Product Quality – Defects by severity by product area, Quality of Testing – Defect Removal Efficiency, Rejected Defects etc.
- Other responsibilities include managing testing scope through CRs, managing testing team both in-house team and vendors, Defect Management

Accomplishments
- ✓ Achieved 100% DRE consistently each release;
- ✓ All testing cycles completed in time; ensured zero schedule variance
- ✓ Introduced static testing, reviews and walkthroughs with business to eliminate ambiguity in requirements; this resulted in greater quality of test cases and higher DRE
- ✓ Introduced Automated Regression Testing to identify critical defects early in the lifecycle and reduce the cycle time.

Environment & Tools: MS Dynamics, SQL Server 2012, SQL Server Analytics, VSTF

Mahindra Satyam, India
Client: Citi Financial NA (Feb 2010 – Sep 2010)
QA Lead Analyst
Project Description: Symphony was a legacy modernization project to replace a mainframe based lending system to a web based application built on the Oracle platform. The project was delivered in agile development methodology and involved continuous build and test cycles.

Roles and Responsibilities:
- As the Test Lead for the modules Account Maintenance, Insurance Management, and ESCROW, developed the Sprint and Iteration test plan, developed Story level and Iteration test cases and executed the Sprint testing, CRP and Release testing

Accomplishments
- ✓ Tested critical functionalities such as deferments, extensions, payments and settlements
- ✓ ▯ Raised the highest number of critical defects

Environment & Tools: ASP.NET, C#.NET, Java, J2EE, Oracle, DB2, Toad, HP QC

Mahindra Satyam, Melbourne
Client: National Australia Bank (Jan 2009 – Jul 2009)

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Onsite co coordinator and Lead

Project Description: Next Generation Platform (NGP) is a multi-year multi-million-dollar program to transform the legacy technology platform of NAB into a modern, scalable and adaptive platform built on SOA and is designed to adapt the emerging technologies such as Mobile, Social and Cloud.

Roles and Responsibilities:

- ✓ As an onsite test lead for 3 of the modules Global Data warehousing, Customer Analytics and payments and Finance, I was responsible for test case development and test execution for the modules, coordinated the daily activities between onsite and offshore, providing status reports.
- Developed a test approach identifying specifying all validations the data transformation process from the NGP platform to the NAB Global Data Warehouse
- Developed a file testing utility automated the testing of data conversion process, successfully testing the migration of huge volumes of data DW

Accomplishments

- ✓ Designed the automation structure and provide the pseudo code
- ✓ Successfully demonstrated the tool to other teams in the NAB
- ✓ Helped other teams adapt and reuse the tool to meet their requirements
- ✓ Successfully managed a remote team distributed globally

Environment & Tools: VB, DB2, Toad, HP QC, ASP .NET

Satyam Computers Ltd., India
Client: BI Center of Excellence (Apr 2008– Nov 2008)
Technical Analyst
Project Description: The DataStage COE was setup to build and develop capability on Data Stage products and service various projects. The COE was involved in various kinds of research activities like performing POCs, preparing Gap analysis documents, estimation guidelines documents and process improvement documents

Roles and Responsibilities:

- Provided technical solutions to RFPs for DW development and testing
- Developed a calculator for estimating DW development effort
- Studied new DW and BI products and releases to understand the capabilities
- Perform comparative analysis of various ETL tools in market and developed guidelines for using them in projects

Environment & Tools: ETL tools Informatica, Data Stage, SQL Server Analytics

Satyam Computers Ltd.,, India
Client: Bank of Nova Scotia (Oct 2006 – Apr 2008)
Developer

Project Description: The Data Hub ER project was part of a larger Basel initiative called the Basel Data Architecture project. This initiative will ensure that the data required for capital calculation and regulatory reporting is reliably captured, processed and stored for use by the Bank's new capital calculation engine and other relevant reporting systems.

Roles and Responsibilities:

- Analyzing Requirements and Preparing EDD
- Develop Scripts and Jobs
- Defect Fixing

Environment & Tools: Data Stage PX, DB2, Unix

Satyam Computers Ltd., India
Client: Optus (May 2005 –Aug 2006)
Test Lead
Project Description: Optus, the second largest telecom company in Australia, has aimed to extend its reach to the customers of rival companies by providing services over leased telephone lines. The Bigfoot solution implemented new systems for Order Management, Order Provisioning, Network Activation, Network Elements and changes to Billing.

Roles and Responsibilities:

As test lead for the Order Provisioning and Network Activation modules, developed test cases for System Integration testing, carried out P2P, Cluster and Integration test phases and raised and managed defects.

Accomplishments:

- ✓ Demonstrated outstanding capability in the comprehending the complex business requirements and the solution and identify business critical test objectives
- ✓ Successfully completed SIT and delivered application to UAT with-in timelines even though the builds deployed for testing were not stable and there were frequent code drops.
- ✓ Proactively prioritized testing to focus on critical network activation functionality and ensured maximum test coverage in the available constraints
- ✓ Devised test plans to efficiently reuse the limited network ports available for testing and complete maximum test coverage
- ✓ Automated core E2E test cases and reduced SIT cycle time by 40% ▯ Developed an efficient Test Objective Matrix (TOM) to map the 450+ test objectives to 55 E2E and gave a quick one-stop-view of all Test Coverage

Environment & Tools: Java J2EE, Vitrea, Oracle DB, Toad, Keenan Arbor, HP QTP, HP QC

Satyam Computers Ltd., India
Client: WNA, GSK (Apr 2004 – May 2005)
Tester
Project Description:

- Tested a new web-based application for Auto Insurance quotes for an Insurance giant

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- DB Tester for a data warehouse for a Healthcare products company on their sales and promotions

Roles and Responsibilities:
- Understanding the requirements
- Identifying the scenarios
- Writing test cases
- Test execution
- Defect reporting and tracking

Accomplishments:

- ✓ Written efficient SQL Queries to test the database updates and identified critical defects hidden in the DB layer
- ✓ Prepared understanding documents and presentations to demonstrate the knowledge acquisition
- ✓ Reverse engineered the application to update the outdated functional specification.
- ✓ Prepared a dash board to track and report the status of KT from the previous vendor
- ✓ Reported 20 critical defects on the first day of the test cycle and demonstrated that the application was not testing ready, leading to a revised development and test schedule
- ✓ Found the highest number of defects in the team and highlighted the poor quality of application in specific areas
- ✓ Pro-actively reported defects to the developers and helped reduce the cycle time for defect resolution
- ✓ Enforced SLAs on the development team to resolve critical defects on priority and thus ensure smooth progress of testing
- ✓ Suggested modifications to the defect tracker template to differentiate regression defects and identify root cause

Environment & Tools: ASP.NET, C#.NET, Java, J2EE, Oracle, DB2, Toad, Test Director