

Martin Lawrence

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SUMMARY

- Seasoned Software Professional with in depth understanding of all phases of **SDLC**, focusing on translating business requirements into viable technical solutions.
 - Excellent **technical writing skills** with hands on experience creating Business Requirements, Functional Specifications, Mapping Documents, E-R Diagrams, Test Plans, Test Scripts and Status Reports
 - Experience **leading** medium sized **Teams** spread across multiple time zones and countries
 - Expertise in **Process Management** using QualityCenter to document Test Cases and conduct triage meetings to resolve issues
 - Experience working with **huge volumes of data**, analyzing record sets for Data Quality, Data Validation and Metrics using **SQL** and / or **PL/SQL**
 - Proficiency in customization & implementation of **ETL** processes and **Web applications**
 - Proven ability to **coordinate** medium sized project from initial conceptualization through implementation
 - Experience working with various **software development methodologies** including **Agile, Iterative** and **Waterfall**
 - Excellent knowledge in Sybase, DB2 and Oracle Database Systems and Unix Platform
 - Extensive **domain knowledge** of the latest Web Industry concepts like AJAX and Social Networking, financial services sector and CRM
 - Dynamic team player who is consistently motivated toward success and completion of projects with an ability to work independently
 - A quick learner who can swiftly adapt to new challenges
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SKILLS

Languages:	C/C++, .NET, JAVA, VB, SQL, PL/SQL , PERL, UML
RDBMS & Tools:	Sybase , DB2, MS SQL, Oracle , Embarcadero RapidSQL, TOAD
ETL Tools:	Informatica , Datastage
Server Software:	JBoss, WebLogic, WBI (MQ Series, Broker), IIS, Splunk (Monitoring)
Test Management Tools:	HP QualityCenter , HP PerformanceCenter, JIRA, Rational ClearQuest, Rational ClearCase
Testing Tools:	HP QTP, HP PerformanceCenter, HP LoadRunner, JUnit
Platforms:	MS Windows, DOS, Unix, Mac OS X, Linux
Web Authoring Tools:	MS FrontPage, Dreamweaver, ASP Script, CSS, XML & HTML

PROFESSIONAL EXPERIENCE

TeleNav, Inc. Sunnyvale, CA
Sr. Analyst & Engineer

May 2011 – Current

Responsibilities & Accomplishment:

- **Sr. Analyst & Engineer Position.**
- Develop and execute functional/system test cases to ensure product meets functional and design specifications.
- Primary focus will be on the TeleNav GPS application on cell phone and web site. Utilize a combination of manual and automated test techniques, as applicable.
- Report product bugs, bug isolation, verify fixed bugs and issue resolution.
- Provide feedback to design reviews and test tool selections/improvements.

October 2007 – May 2011

Project: iProducts Global Data Services

July 2008 – May 2011

Client: BlackRock (formerly, Barclays Global Investors)

Responsibilities & Accomplishment:

- **Sr. Analyst & Engineer Position.**
- Participate in the full lifecycle for multiple data project: **analysis, design, documentation, development and testing.**
- Collaborate with Project Managers, business partners, and developers to coordinate project schedules and timelines.
- Analyze data using **SQL, Excel, Unix** and data testing tools.
- Verify the implemented ETL code against the corresponding mapping document. Confirm the data loads from source files into the target tables.
- **Examine** sample record sets for consistency, data corruption and over all data quality.
- Work with business partners, analysts, developers and project managers to develop **test plans, produce test scenarios** and **repeatable test cases/scripts** through all parts of the development lifecycle, execute and sign-off for a high volume of data and regular release schedule for successful project delivery.
- **Coordinate Testing** with remote teams based in Singapore, SINGAPORE and London, UK.
- **Assign Testing Tasks** for Asia and EU domiciled projects to Singapore based QA Engineer. **Verify** test results and review the same with San Francisco based Development Team.
- Support the London based Team on iShares EU projects.
- Execute and **sign off** on test scripts. Work closely with Ops Manager to update Release Grids.
- Create/Update Test plans (including estimating and maintaining a testing schedule).
- Identify, research, **report**, track and verify software defects proactively and comprehensively.
- Understand **market, static** and **reference data.**
- Validated Rebranding for all Internal Products, **Data Applications, Datamarts** and Services from Barclays branding to BlackRock branding for the BGI Acquisition project.
- Critical role in the successful deployment of internal sales application called Product Knowledgebase (PKB), iShares DE data migration and Sybase 15 Upgrade Projects.
- Played an important role in successful deployment of new iShares sites for Brazil, Japan and Mexico.

Project: Credit Tickler Rewrite

April 2008 – June 2008

Client: Wells Fargo Bank

Responsibilities & Accomplishment:

- **Sr. Business Analyst Position.**
- Participated in **initial feasibility** Analysis for IT Ascent for Credit Tickler Application rewrite.
- **Analyzed** the current **requirements** and proposed enhancements for the application.
- Performed **Functional Point Analysis** and classified the functionalities as Complex, Medium or Simple. Performed preliminary analysis on the data sources to identify any **interfacing** issues.
- Identified Risks and potential Roadblocks associated while rewriting an application from current **Client - Server Model** to **Web Based Model.**
- Created **Work Flow** for the Covenant Creation and Default Handling functionalities.
- Evaluated **Serena Business Mash up Tool** for this Project. Evaluated other tools to reduce development time and costs associated with it.

Project: Commercial & Mortgage Securities Assn. (CMSA) January 2008 – March 2008

Client: Wells Fargo Bank

Responsibilities & Accomplishment:

- **Sr. Business Analyst Position.**
- Participated in the development of **Enhancement** for the current Commercial and Mortgage Securities Association (CMSA) Application.
- Analyzed the **Relational Model** between various associated tables. Analyze the data model that is current in place.

- Analyzed the **Test Data used for Unit and Integration Testing**.
- Verified the Code and Stored Procedure to make sure that all Business Requirements are covered.
- Provided deliverables like **Work Flows** and Designs to the Developers.
- Analyzed a **Post Production / Deployment** issue with Watch List Enhancement.

Project: Enterprise Data Warehouse (EDW)

October 2007 – December 2007

Client: Wells Fargo Bank

Responsibilities & Accomplishment:

- **Sr. Engineer Position.**
- Worked concurrently on multiple projects with a Business Team based in Phoenix, AZ and a Development Team based in Minneapolis, MN.
- Analyzed the **data mapping** and developed scenarios to verify the **data migration** from **different data sources. Researched** various **production issues**.
- In collaboration with other team members, analyzed raw data to ensure the data will meet the business need. Worked with the business owner to identify key data elements that will be monitored on an on-going basis to ensure a high level of data quality within the Warehouse.
- Created detailed test plans based on analysis of requirements and design documents.
- Wrote test case scripts; executed and **documented** detailed **results** and **summary reports**.
- Executed systems and data quality testing to ensure all development deliverables are production ready.
- Used **Unix** commands and utilities to monitor server side activities and performance.
- Implemented three complex data extracts within the three month timeframe.

Digital Liberty Group, Inc. Fremont, CA

Analyst & Engineer

September 2006 – September 2007

Project: Centralized Distribution Hub (CDH)

November 2006 – September 2007

Client: Wells Fargo Bank

Responsibilities & Accomplishment:

- **Test Engineer Position.**
- Participated in **Centralized Data Hub** (CDH) project to create file-level data distribution center.
- Participated in the project life cycle, from analysis to production implementation, with emphasis on data analysis, system testing, and auditable documentation of results.
- Worked with file formats/layouts, namely: **ASCII, EBCDIC, XML, fixed-width** and **delimited**.
- Created detailed test plans based on analysis of requirements and design documents.
- Wrote test case scripts and execute; **document** detailed **results** and **summary report**.
- In collaboration with other team members, analyzed raw data to ensure the data will meet the business need.
- Analyzed the **data mapping** and developed test scenarios to verify the **data migration** from **different sources**.
- Used **Unix** commands and utilities to monitor server side activities and performance.
- Coordinated the overall execution of the test plan with TIG and business representatives.
- Conducted **Knowledge Transfer** and **Training Sessions** for new Team Members.
- Perform problem analysis and problem solution in a technical environment.
- **Coordinated** Testing Tasks with **Off-Shore Team** located in Hyderabad, INDIA

EDUCATION

Master of Science in Software Engineering

International Technological University, CA

2007 – 2008

University of Southern California, CA

2004 – 2006

Bachelor of Engineering in Electronics & Communication

Manipal Academy of Higher Education, INDIA

1999 – 2003
