LUIS SIERRA

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PROFILE

Senior Test Analyst, QA Project Manager and Test Architect with strong technical background and a wide range of experience in the banking, financial, insurance, e-commerce, telecommunications and consultancy sectors. In the last 15 years, Luis specialised in automated and manual test planning, design, management, execution, results analysis, diagnose and feedback. Due to the extensive exposure to diverse environments and platforms, Luis has gathered particularly strong analytical skills and always enjoyed the challenge of satisfying the ever-changing business requirements.

MAJOR ACHIEVEMENTS

- By training and leading a QA team of analysts implementing a full life-cycle QA method and a structured test process, enhanced testing accuracy and saved expensive resources.
- Built a set of world-wide web sites and network resources hosting QA procedures, online tools and test document libraries setting company models for best practices.
- With the precise implementation of automation tools, increased system performance, testing coverage and precision, as well as, reduced test execution time and resources.
- Notably improved the business acceptance level of new application & upgrade releases.

OS /HARDWARE	LANGUAGES	DESIGN METHODS	PROTOCOLS/DATABASES
Unix, Solaris, MacOS, Vista, XP-NT, Linux, Sun, IBM Mainframe, VAX & Mac	Java, .net, Visual Basic, JavaScript, XML, Perl/CGI, C#, C++, Cobol,PL/SQL, JCL.	Agile, XP, SCRUM, DSDM, RUP, J2EE, OOD, HPGlobal, RAD, SSADM, Prince2, JSD/Waterfall, AJAX.	Basel II, SOX, Finance Reporting, Market research,Winrunner, QuickTest Pro, Loadrunner, Test Director, ORACLE, DB2, Sybase

CAREER HISTORY

CLIENT: Barclays Wealth (London). March 2010 to Present.
POSITION: Programme Test Manager and Lead Analyst

SKILLS. HP Quality Center 10, Hudson, Selenium IDE & RC, Java, Unix, XML/XSL, Eclipse, Ant, Websphere MQSeries, TeraData, Oracle 9, SQL Assistant, Ab Initio, IntelliMatch, Avaloq, JIRA, Confluence, Fish eye,SOAPui, Subversion SVN, Tortoise, Sharepoint, Clarity, PVCS.

DUTIES: Agile Scrum Basel II and SOX Credit Risk Programme for the roll-out of a Market Data models driving an intelligent risk mitigation strategy platform. Regulatory reporting (FSA, Bank of England etc.) The role is responsible for the full test strategy: Unit, System, Integration, Acceptance, and Performance and Operational Testing. Continuous integration and Test Driven Development. Publishing of Test Strategy, Approach, Plans, Script manual and automated execution and defect management.

CLIENT: RBS Group (London). April 2009 to March 2010.
POSITION: Global Test Manager and Senior QA Lead

SKILLS. Test Director, HP Quality Center, Prince 2, CruiseControl, Planview, Java, Unix, XML/XSL, Tomcat, Eclipse, Ant, Vignette, Websphere MQSeries, PLSQL, Fitnesse, Confluence, SOAPui, Subversion SVN, TortoiseSVN, Oracle 9i SQL Client, JIRA, Sharepoint, Clarity, PVCS, Trac.

DUTIES: Agile DSDM Global Programme for the roll-out of RBS World-wide Single Platform for Derivatives STP Trade processing of Payments, Settlements and deal-associated transactions. SWIFT compliance upgrades, Wolfsberg Anti-money Laundering policies, Regulatory reporting (FSA, Bank of England etc.) using SOX, Basel II and Six Sigma Test policies within RBS standard project life-cycle. Unit, System, Acceptance and Performance Testing. Continuous

integration with regression build self-test. Establishing Phase entry and exit Quality criteria metrics. Publishing of Test Strategy, Plans, Scripts, Cases and defect coverage management via RAG and project quality indicators leading the management of multi work stream and third party software suppliers release implementation.

CLIENT: **Sky.com New Media - BSkyB (London). October 2008 to February 2009.**
POSITION: **Senior Test Lead Analyst and QA Test Manager.**

SKILLS. Selenium, Fitnesse, Test Director, HP Quality Center, Hudson, CruiseControl, Flash, Ajax, CRM, AXE, HTML/XHTML, CSS, XML, JavaScript, JavaDocs, junit, Silverpop, Websphere, Tomcat, Kana Form, Eclipse, Maven, Ant, Vignette, Episerver, CMS Test, Omniture SiteCatalyst Hitbox, SOAPui, Subversion SVN, TortoiseSVN, Oracle 9i SQL Client, JIRA, Sharepoint, Clarity, Trac.

DUTIES: Agile Scrum project with Unit, Acceptance Test Driven Development and Continuous Integration, focusing on use case and stakeholder-approved test plans. Responsible for build deployment, manual, exploratory and automated test; early code defect identification, java module debugging and isolation. Smoke, integration & regression build self-test and sign-off. Measurement and publishing project code Quality, functionality & defect test coverage via KPIs, QA Exit criteria metrics leading to all-environment bug severity fix prioritisation management.

CLIENT: **WestLB Investment Bank (London). December 2006 to October 2008.**
POSITION: **Senior Test Lead Analyst and QA Test Manager.**

SKILLS. Agile, SUMMIT Classic, Summit FT, .net, C++, C#, Flash, Ajax, CRM, AXE, HTML/XHTML, CSS, HTML/XHTML, XML, XHTML, XPath, RSS, Visual Studio, UNIX, SQL, MKS; Test tools: QuickTest Pro, LoadRunner, cppunit, nunit, FitNesse and TestDirector; Quality Center, TeamTrack; Source Mgmt: Perforce & Fisheye. Database: Sybase; Other: JIRA, Confluence, Clover, Clarity, Reuters e-Trading, 3000Xtra, Open Bloomberg, ITIL policy, Financial Information eXchange & FIXML. MS Office, Project & Visio.

DUTIES: QA environment management, test planning, execution of Integration, regression, performance and business acceptance tests. Based on SUMMIT FT & Classic, Building Manual new functionality and full automated GUI testing for front office, trading floor Operations, hedge fund investment and risk management. Also global investment operations mainly on Interest Rates, Credit Risk, Currency, Derivatives, Exotics and Hybrid products. Support to Development on XP and SCRUM, a full QA Application lifecycle, quality metrics, Continuous Integration, Code Inspections, Pair Programming and Unit testing tools.

CLIENT: **Lloyds TSB (London). March 2006 to December 2006.**
POSITION: **Senior Test Lead Analyst and Test Manager.**

SKILLS. J2EE, Agile, SCRUM, FitNesse, Selenium, Java, Eclipse, ANT, Oracle Enterprise, XML;Testing: QuickTest Pro, LoadRunner, junit, jmock, jmeter, httpunit & TestDirector; Tracking & Source Control: bugZilla, Mantis, PVCS, Clearcase, GIT & Subversion. Oracle & DB2 Database; Tools: Reuters Kondor+, MS Office, Project & Visio.

DUTIES: Central QA testing team Lead in charge of full automated and manual QA test planning, execution of Integration, performance and acceptance tests. The project consists of a set of multiplatform online applications to handle strategic global market and equity research data for institutional investors, commerce and investment banks to comply with Basel II and Sarbanes-Oxley risk Management requirements. Pair Programming, Code Inspections, Unit testing guidelines, continuous Integration and reviewing of test plans design and build of test environments, execution, reporting defects and test status.

CLIENT: **UBS & Other Hewlett-Packard Clients (France/USA). Nov '02 to Mar 2006.**
POSITION: **Senior Test Analyst, System Test Architect and Test Manager.**

SKILLS. J2EE, Agile, eXtreme Programming, RUP, Fitnesse, Broadvision, BEA Weblogic, Java, XML;Test tools: QuickTest Pro, WinRunner, LoadRunner, SilkTest/SilkPerformer, junit, jmeter and TestDirector; Tracking: ClearQuest-Remedy, & bugZilla; Source Mgmt: CVS, SOS & VSS. Browsers: Explorer, Mozilla & Opera; Database:

Oracle; Other: Office 2003, MS Project, Visio, RapidMiner, Siebel and SharePoint.

DUTIES: Created, designed, trained and led the testing of the HP.com QA Project composed of several international Test Team Leads and Analysts co-ordinating world-wide automated and manual testing, practical scoping, planning and modelling of unit, module, functional, integration, system, end-to-end and acceptance testing; then, performance, volume, stress and load tests to satisfy Credit Risk business requirements for this real-time secure global market transactions and equity data mining application for major investment clients.

CLIENT: Nortel Networks (Lisbon - Portugal). May 2002 to October 2002.
POSITION: Senior QA Analyst / Test Manager and Co-ordinator

SKILLS. Unix, SparcOS, Clarify, VMS, TUI, SMS, UM, MMS, eMLC, CruiseControl, ANT, PVCS, XMLSpy, jboss, jmock, Windows 2000 & XP; Databases: Sybase, Alex, PAD; Packages: MS Office 2000, Visio, Frame Maker; Test tools: Winrunner, Loadrunner and T-Plan.

DUTIES: On the first Functional design project for GPRS and UMTS for Nortel, building the Performance, black box and End to End test to verify the customer database migration. This customer-facing role involved discussing and agreeing the QA scope, test coverage definition, creation and planning for the roll-out of the 3G/UMTS infrastructure, documentation, integration and QA sign-off on this high-profile Turn-key project.

CLIENT: Ericsson Eurolab (Hanover–Germany). November 2000 to May 2002
POSITION: Senior System Tester / Test Co-ordinator

SKILLS: HP Unix, Solaris, SparcOS, VXWorks, Linux, Windows, HPOV (OpenView), O&M OSS, Explorer, Navigator; Databases: Oracle 8, MySQL, Java, Perl/CGI, C++, PHP; Packages: RAD, Remedy, Office, Rational Robot & R Rose, OO SW Design, ClearCase, CQuest, FrameMaker, Tagtool; Test tools: Winrunner, Loadrunner and Test Director.

DUTIES: Test Management and Design for the full system verification and validation on the 3G/GPRS Mobile Internet System. Responsible for network node and backbone configuration in this independent sub-project, my tasks were to organise, develop and control the different testing carried out following Software Quality Assurance in Sweden, Germany and Japan, working closely with the different teams, performed integration, system and end-to-end, performance, client/server & GUI testing to satisfy business acceptance requirements. The documentation produced including Test requirements, cases, plans, scripts, results and fault reports proved to be essential support for this project.

CLIENT: Reuters Financial Group (London – UK). October 1999 to November 2000.
POSITION: Senior Test Analyst / System Test Manager
SKILLS: 3000 Xtra, Kobra, Power Plus Pro, EcoWin;Browsers: Explorer 5, Navigator 4.7; Visual Basic and C++; Databases: Oracle, DB2; OS: Windows 2000, NT, Unix, MVS/TSO/CICS; Packages: SSADM+Rapid Application Development, Office, InterTrust, Verisign, Business Objects; Test tools: Rational Test, R Robot, T-Plan.

DUTIES: Management, design and development of the Functional, Integration, System and User Acceptance Test phases of Reuters e-commerce Web platform for this financial markets system. Setting up the test environment, test plan design, scripting and test documentation management. Full system testing covered the web front end (NT, 2000) to the back end (Mainframe/Unix) of this multi-platform system and was importantly focused on web security issues on the Fixed Income and Equities market trading transactions.

CLIENT: Vodafone UK by ACUMA. (Newbury – UK). August 1999 to October 1999.
POSITION: System Test Architect and Test Programme Designer
SKILLS: Internet Explorer Ver. 5, 4 and 3, Navigator 4.7, 4.6 and 4.1, Broadvision, Visual Basic, C++, Corba, Sun Netscape Mail, Unix, ORACLE, MS Office 2000, Visio, Windows NT, Groupwise; test tools: e-Test, TTCN, Test Director and Loadrunner.
DUTIES: Main tasks for the role were building test requirements, conditions, cases and scripts, testing a range of

GPRS protocols for this Signalling Verification project, involving BNSI, IMAP, EPOC, WAP and SMS technologies oriented to m-commerce. Managing and producing the testing of disaster recovery test suites, providing feedback to developers and importantly supplying unit, functional, cross system, compatibility, end to end and acceptance testing essential for the production release of this Billing project.

PREVIOUS CLIENTS:
▫ **Lloyds TSB Group (London – UK). Data Warehousing. August 1998 to August 1999.**
▫ **Xerox by EDS. (London – UK). Disaster Recovery Testing. October 1997 to August 1998.**
▫ **Safeway Financial (London – UK). Electronic Trading. March to October 1997.**
▫ **BT Mobile by CGI Group (London–UK). Mainframe Legacy. October 1996 to March 1997.**
▫ **UBS, HSBC, JP Morgan & RBS (London-UK). Front & Back Office. 1987 to March 1996.**
PREVIOUS POSITIONS:
System Test Designer, QA Engineer, User Acceptance Tester and System Test Analyst.

LANGUAGES

Native: English & Spanish; Intermediate: French, Portuguese & German.

EDUCATION

▫ ISEB / ISTQB Foundation Certificate: Ongoing course to complete in November 2009.
▫ 2006 to Present: Malaga University PhD   in Information Technologies specialising on Telecommunication systems.
▫ 1991-1994 Malaga University M.Sc. Equiv. Degree in Software Engineering and Business Administration.
▫ 1988-1991 Malaga Polytechnic University. Higher National Diploma in Artificial Intelligence and Telecom Systems.

HOBBIES AND INTERESTS

Having worked across Europe, USA and Japan and developing further my French and German language skills, my ambition is to further my experience of other cultures. My favourite way to relax is reading and practising other languages, but I also enjoy dining out and sampling varied cuisine. On a more active note, I regularly visit a gym and am a keen spectator of formula one, car racing and motorcycling.