**SERGE SCHUETZ**

### **Summary:**

*My current role for the Macquarie Group is as a Test Lead Automation Quality Engineer in the Banking Financial Services group, responsible for developing, scheduling and execution of automated tests for the adviser wrap platform migration to the cloud and working closely with our development team in an Agile environment.*

*My career objective is to continue to further my interpersonal soft skills and utilise all the experience gained at Macquarie to lead, mentor and deliver high quality test solutions.*

### **Professional Experience**

**Macquarie Bank**

Test Lead, April 2010 – Current (8 years and 2 months)

**Skills & Responsibilities:**

* Developing quality test solutions using Serenity BDD best practises in **java**, **Selenium** webdriver and **Cucumber**.
* Scheduling via **Bamboo** the automated test suite daily conforming to **CI/CD** tools and practises.
* Experience with **Bitbucket Git** source control systems including **Sourcetree**.
* Experience with **Jmeter**, writing performance test scripts and testing APIs and services.
* Good **interpersonal skills** embracing the **Agile** transformation methodology, collaborating across different teams, running stand-ups, involved in sprint planning, retrospectives and presenting in sprint demonstrations.
* **Test Lead** and managed our off-shore team for the Securitisation, Funding and Finance streams in our Core Banking programme.
* Provide Test Plan walkthroughs to business and key stakeholder for sign-off.
* Collaboratively resolve issues across different teams including external vendors (Computershare)
* Representing Macquarie as Test Lead contact for **Project Blue** (Australia’s largest platform outsourcing deal) – Broker Panel (Testing trading systems **end-to-end**, equities and managed funds on behalf of our private clients), providing **external stakeholder engagement** with UBS, Goldman Sachs and Macquarie Private Wealth.
* **Test Lead** for Wrap SHY replacement project, the replacement of the Wrap trading engine, **managing** a large test **regression** suite.
* **Mentoring** Macquarie new starters to Macquarie Wrap
* **Collaborating** in **workshops**, presenting our test approach, planning and discussing test data initiatives.
* **Initiate** **daily stand-ups** to discuss project priorities, critical defects impacting UAT requiring escalation and test effort update and focus.
* **Training** of Macquarie internal backend applications to test team.
* **Delegate** the writing of Test scripts to testers and providing **reviews/walkthroughs** to Business analysts, developers, projects managers and key project stake holders.
* **Schedule Defect Triage meetings** with developers and project managers to manage defects (using **JIRA**) that require changes to priorities, testing focus, re-testing, closing or raising defects.
* Develop **Test Reports** and circulate daily, to key project stake holders.
* **Test Analysis** of business requirements & technical specification documents for writing the **Test Plan, test cases and data preparation** for signoff.
* Provide **Test Estimates**/Scope and Test Resources for the project.
* Perform **SIT** (System Integration Testing) and shakedown testing of test environments.
* Preparation of Test Data using **SQL** and **Excel (using my development background)** to develop a client holdings database and creating an engine to trigger trustee limit rules – significantly improving test efficiencies
* Manage progress and updates of Test effort using **Quality Centre** (Application Lifecycle Management) and test case execution in **UAT** and **BAT** (Business Acceptance Testing) and Stage (a copy of Production data)
* Develop **PVT** (Post Verification Testing) plan, preparing the deployment and delivery of the project into Production.

**Test Tools:** HPQuality Centre, JIRA, MS Office (Outlook, Word, Excel), DBArtisan (Database query tool)

**Platforms:** Wrap Trading Platform for Macquarie Wealth Products & Platforms

**System Details:**

* **MIMs** – Administers the Cash Management Trust (CMT) and unitised managed fund products
* **Composer** – Superannuation and unit registry system
* **Garradin** – Asset Management System, contains all managed fund and equity transactions
* **Nova** – Internal Macquarie system, responsible for the maintenance of static data for all Wrap entities, maintenance of fee structure.
* **Marvin** – Main backend processing engine for Managed Funds, Term Deposits and Equity settlements
* **Broker** – Share trading system stores all the account details for a share trading client.
* **ASX Best** (old **ClickXT**) ASX platform for managing equity orders in the market

**Projects:**

* **Project Blue - Broker Panel** –**Test Lead** - Routing of equity orders to a panel of brokers. Liaising and managing all testing with external vendors (Goldman Sachs, UBS, and Macquarie Private Wealth) throughout the UAT cycle.
* **Project Blue –Models Bulk** – **Test Lead** - Build new Wrap Trading platform for Perpetual – Processing of Managed Fund & Equity on multi accounts.
* **Term Deposits –** Changing the existing data model of Term Deposit applications from Weekly to Daily.
* **Automatic Cash Management** project – Maintaining Account cash balances through the selling & buying of client managed fund holdings.
* **Shy Replacement - Test Lead** (replaced trading engine on the platform) – Large regression testing project.
* **Models Portfolio** Rebalance – New online facility in Wrap for advisers to manage clients investment portfolio holdings (Managed Funds & Equities) using an adviser researched and recommended Model.
* **Trustee Limits –** Compliance project to enable superfund trustees to meet APRA’s required governance standards. Enhance our capability to set trustee limits for super funds administered on the platform, providing greater flexibility, including the ability to set trustee limits at trustee level and by security.

**WeSTPAC**

Senior Test Analyst/Test Lead, Jan 2009 – July 2009

**Skills:** HPQuality Centre/Test Director, QTP, Defect Management, MS Office (Outlook, Word, Excel)

**Platforms:** Lotus Notes.

**Projects:**

* Risk and Prepayment project
* Credit Card Fraud Detection System

**Responsibilities:**

* Analysis of business requirement documents and technical specifications for writing Test Plans and Strategy for signoff.
* Writing of Test scripts/cases and providing reviews/walkthroughs to Business analysts, developers, projects managers and key project stake holders.
* Test case execution in UAT.
* Develop Test reports and circulate to key project stake holders.
* Manage defects raised by testers via JIRA and provide daily defect triage meetings with developers to manage defects that may require changes to priorities, re-testing, closing or raising.

**GE Money Home Lending/Wizard Home Loans**

GE Money is one of Australia’s lending finance companies, offering a vast range of consumer lending products, including personal loans, auto loans, credit cards, mortgages, insurance and promotional retail finance.

Senior Test Analyst, Feb 2008 – Dec 2008

**Responsibilities:**

* Creation of Test Plans based Business requirements and provide walkthroughs
* Preparation of project Test Estimates
* Design Test Scripts based on Functional specification and provide walkthroughs
* Execution & reporting of Test Scripts via Mercury Quality Centre - Test Director
* Familar with Quick Test Pro and automation for the AS400 (Test Bench)

**Projects:**

* Origination of Wizard Business Loans
* Bpay out functionality into Loan Service Net
* Global Rate increase/decrease
* Small Collections and Loan Servicing projects

**Hubb Financial Group**

Quality Assurance Test Analyst/Data Manager (Client Software) Jan 2005 – Feb 2008

**Department/Project**

**Responsibilities:**

* Preparation of Test documentation – design test cases, scripts to address risks and defects in client applications
* Execution of test plans (Quarterly software releases – 5 client applications)
* Bug tracking and resolution – Identify, record and report on defects in client applications (in-house defect management system)
* Communicate and debrief key stakeholders on QA test results in the SDLC
* Types of testing include Functional, Regression, Integration, UAT, Load, Stress and Performance.
* Automated Testing tools (TestComplete by AutomatedQA – Delphi, VB and C)
* Experience evaluating Mercury tools (Load Runner)
* Data Integrity – import data from international exchanges including Forex, Futures, Equity and derivative markets
* Manage team workload.

**Applications Tested:**

* Share Trading software (ProfitSource - Charts – technical and fundamental analysis)
* On-line broking platforms (OptionsXpress – web-based client order creation and amendments)
* Options calculator (web-based application for Westpac)
* Chart tools (web-based chart tools for the ASX web site)
* Educational CDs (developed in Flash)

**Private Investor/Trader**

**2003 – 2005**

* Bought old established property and renovated for profit.
* Invested in growth Equities through Fundamental company analysis
* Trade ETO for income using Buy Write, Strangles and Calendar Spread strategies.

**Rebus Australia *(formerly Peterborough Software)***

Software Developer, Product Support & Assurance, 1996 - 2003

**Responsibilities:**

* Develop enhancements or problem rectification solutions for the PS enterprise modules in accordance with the product development plan and associated specifications with particular emphasis on customisation projects that may be included in the core product
* Specify, build, document and brief the product installers of customer customisation as required
* Act as a mentor to other team members in areas of personal or product expertise.
* Accept ownership of calls assigned by the Help Desk Co-ordinator and manager the call through to resolution.
* Implement legislative tax changes from ATO into the product
* Provide customer product support
* Provide Product support to the Sales team at key demonstration and product presentations.

**Technical Skills Matrix:**

* Used Revelation to develop customised database application solutions for AMP Pty Ltd (worked in company’s premises):
* Developed complex payroll and HR based data entry screen, designed standard output reports, established relationships between fields in different data files and linked applications together with menus

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| --- | --- | --- | --- |
| **Applications** | **Vendor** | **Version** | **Competency** |
| Revelation (DBMS) | Revelation Software | V2.6 | Experienced and skilled writing SQL queries for reports and analysis. |
| OpenInsight for Workgroups | Revelation Software | V3.7.5 | Accomplished at developing and maintaining Payroll/HR window based applications |
| R/Basic | Revelation Software |  | Highly competent developing customised screen applications and report programs |
| Basic+ | Revelation Software |  | Highly competent developing customised screen applications and report programs |

###### Paywell Australia Pty Ltd

Development COBOL Programmer, 1993-1996

**Responsibilities:**

* Liaise with clients and payroll analysts to customise payroll systems and procedures
* Involved with program systems testing and documentation
* Assisted in implementing Windows for Workgroups 3.11 network, installing network cards, thin Ethernet cabling, printers, modems
* Configuring hard drives, software, loading Windows 95
* Help/support general network issues

**Development COBOL Programmer/Analyst**

* Analysis of client requirements, designed program specifications
* Developed an Award module, interfacing with payroll, designed for large retail and hospitality clients

###### Pitney Bowes

Trainee COBOL Programmer, 1989-1993

**Responsibilities:**

* Responsible for the maintenance of sales/marketing, purchasing, statements and invoice programs
* Set up test data and thoroughly tested system changes
* Modify the appropriate documentation changes

**Junior Programmer**

* Organised the daily backups, before kicking off the “night run” – end of day procedures
* In the event of an unsuccessful “night run”, executed the relevant restore procedures
* Worked closely with the Network (Novell) Administrator installing memory upgrades, hard disk/floppy drives, network cards
* Managed the network filing system, backups (SYTOS), and general user maintenance
* Developed programs to extract sales information from the mainframe, to PC’s
* Designed and developed sales performance enquiry screens

### **Education**

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| --- | --- |
| 2007 | ISTQB Software Testing Foundation  Absolute Learning |
| 2002 | Microsoft Certified Professional  Designing & Implementing Desktop Applications with Microsoft Visual Basic 6.0 |
| 1999 | Microsoft Certified Professional  Implementing & Supporting Microsoft Windows 95 |
| 1996 | Microsoft Certified Professional  Installing & Supporting Microsoft Windows for Workgroups |
| 1994 | BA – Computer Science  Macquarie University, Sydney |
| 1989 | Diploma – Computer Programming  Computer Power Training Institute |

References available on request.