**BALAJI MANICKAVEL**

**SCRUM MASTER /SAFe AGILIST/ PROJECT MANAGER**

# SUMMARY

* **Certified Scrum Master** (**CSM**), **Certified** **SAFe AGILIST (SA)** with over 16 years of extensive experience in IT assessment, innovative problem solving and presentation abilities.
* With several roles Spear heading projects yielding major capability gains and cost savings, liaising heavily with clients and offshore teams, and consistently executing within rigorous time and budgetary constraints.
* Experience in IT Project Management, Contact Center Software Implementation, Training and Quality Assurance. Strong communication skills, extensive experience leading diverse cross-functional teams throughout the entire Systems Development Lifecycle (SLDC).
* Seasoned project manager with Agile Scrum methodology – Release planning, sprint planning, managing sprint backlog and facilitating scrum events for multiple scrum teams.
* Program leadership - working with multiple cross-functional, multi-location teams including product management, engineering, design, quality, operations, legal, marketing and support
* Leadership & People management skills – Continuous engagement with the teams (around 40 + FTE’S with budget $20M), assessment and keeping them focused as per vision and mission.
* Experience in mentoring and supervising the technical team members to have smooth transition phase from traditional waterfall to Agile Scrum and also experience in handling multiple scrum teams.
* Executed RISK/ISSUES management plan to optimize the project success using RAID logs
* Experience in translating the customer requirements in to technical solutions

**EDUCATION/CERTIFICATIONS**

* Master of Science (MS) in Software Engineering, BITS Pilani, Pilani, 2007
* Bachelor’s Degree (B.E) in Civil Engineering, Adhiyamaan College of Engineering, University of Madras, Hosur,1999
* Certified SAFe AGILIST - Scaled Agile
* Certified Scrum Master® - Scrum Alliance

**CORE COMPETENCIES**

* SDLC Methodologies (Scrum, Agile, Waterfall)
* Change Management & Organization Strategy
* Portfolio Management
* Business Intelligence, Data Warehouse & ETL
* Business Analysis, Budget Management, P&L Accountability
* Time Management, Resource Management
* Cross-functional Leadership
* Marketing, Pre-Sales and RFP
* Risk/Issue Planning & Expectations Management (RAID logs)
* Process & Product Management
* Business Process Reengineering
* Talent Acquisition
* PMO Setup, Best Practice and Staff Augmentation
* Quality Assurance & Control
* Release Management
* Training & Education
* Procurements
* Vendor & Client Management
* Process Improvement/6-Sigma & DMAIC
* Outsourcing and Off-shoring
* 3rd Party Management
* Contract Negotiation & Compliance
* Disaster Recovery
* CMM and ISO Assessments
* Cost – Benefit Analysis
* Analysts Relations and Alliances
* Conflict Resolution

**TECHNICAL SKILLS**

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| --- | --- |
| **Methodologies** | Scrum, Agile, Waterfall, RUP, DMAIC |
| **Agile Tools** | CA Rally, JIRA, HP AGM |
| **Project Management** | Microsoft Project Server, Microsoft Office Suite (including MS Project), SharePoint, Box, Rational Portfolio Manager, Mattermost, ALM |
| **Change Management Tools** | Rational Clear Quest, Test Director |
| **Business Modeling Tools** | Microsoft Visio, Erwin, Sparks |
| **Prototyping Tools** | Visual Basic, Developer 6i/9i, D2k |
| **Software Configuration Management** | Rational Clear Case, Microsoft Visual SourceSafe |
| **Testing/Automation Tools** | HP Quality center, IBM Mercury, Selenium APM, Apache Jmeter |
| **Operating Systems** | MS-Windows, MS-Vista |
| **Programming Languages** | SQL, PL/SQL, MS SharePoint, C, HTML, XML, Java, .Net, Spring Boot, RabbitMQ, GITLab, SonarQube |
| **Databases** | Oracle10g,9i,8i,8,6x, Sybase, DB2, MS-SQL Server, MS-Access, Redis |
| **BPM Tools & Utilities** | PEGA Rules Process Commander (PRPC) 6.2 |
| **Database Tools** | TOAD, Query Analyzer |
| **Data warehouse/BI Tools/ETL** | Cognos 10.1BI, Cognos 8BI, Informatica, SAP BW BI, MicroStrategy, Cognos Report Net 1.1, Report Studio, Query Studio, Framework Manager, Cognos Scheduler, Business Objects 5.1.6 |
| **iOS Development** | Xcode, Objective C |
| **Android Development** | Android Studio, Java |
| **Web Portal** | Angular JS |
| **Cloud** | Pivotal Cloud Foundry (PCF), Azure |

# PROFESSIONAL EXPERIENCE

**FedEx Office – Plano, Texas, USA**

**Same Day City/Omni Channel eCommerce**

**Scrum Master**

**Feb 2016 – Till Date**

Scrum Master to project manage large projects interfacing with multiple application teams across region. Manage large scrum team consisting of Architect, business analysts, developers, testers and cross-functional teams to produce and deploy high quality enterprise applications using service–oriented architectures and large-scale complex database. Scrum Master/Project Manager will be deep in project details and requirements, challenged to look for efficiencies to meet aggressive timelines, and people-focused to drive results.

* As Scrum Master oversees team working on client engagements within the program office.
* As Scrum Master need to reviews high-level deliverables across the projects.
* Responsible for successful completion of the project within the scheduled time and with the available resources.
* Be a single point of contact between team and customer team.
* Responsible for project management activities of low to medium complexity IT project(s), or support more senior level project management staff for high complexity projects.
* Creates a project charter comprising detailed project plan and deliverables in consultation with customer key stakeholders and that aligns with key objectives of the project.
* Conduct weekly status meetings and updates project status to customer project/program managers.
* Identifies project risks and the corresponding mitigation plans and discuss them during the weekly status meetings.
* Responsible for setting up workshops between team and customer teams.
* Responsible for quality deliverables from the individual resources and ensures that these deliverables go through the cycle of on-time completion, review, update and delivery to customer.

**Keywords**: Agile Project Management methodologies, Scrum Master, SAFe transformation, Portfolio Management, Project Management, Agile Earned Value Management, End to end Release planning & Execution, Release retrospective, Variance Analysis, daily stand-ups, sprint planning, Story grooming, sprint review, DoD, sprint retrospective, Burn up & down charts, Risk/Issue meetings, Lessons Learned, Iterative & Incremental development, Prepare & share MOM, HP AGM, Mattermost, Dashboards, team Velocity.

**Technologies**: Spring Boot, Redis, MySQL, Concourse Pivotal, GitHub, Pivotal Cloud Foundry, RabbitMQ, GITLab, SonarQube, HP AGM, Mattermost, Modern Web Stack, Angular JS, Android Studio, Java, Xcode, Objective C, iOS mobile development, Selenium APM, Apache Jmeter, Jenkins, Angular JS

**IOS App:** <https://itunes.apple.com/us/app/sameday-city/id1161538972>

**Google Play:** <https://play.google.com/store/apps/details?id=com.fedex.lastmile>

**Web Portal:** [www.samedaycity.fedex.com](http://www.samedaycity.fedex.com)

**FedEx Office AD:** <https://www.youtube.com/watch?v=-m6adzjqBFs>

**Engrade.com/Mc Graw Hill Education – Santa Monica, Los Angles, USA**

**Scrum Master/Project Manager**

**Sep 2015 – Jan 2016**

* Responsible for simultaneously leading multiple scrum teams consisting of 9-15 resources – business analysts, developers and testers to produce high quality enterprise applications using service–oriented architectures.
* Facilitating all the scrum ceremonies - daily stand-ups, sprint planning, Story grooming, sprint review and sprint retrospective.
* Work with PO, UE, business architects and Technical team to groom size and prioritize the user stories for future sprints.
* Elicit well-defined user stories from PO and internal business owners in order to ensure the delivery of high-business value products. Validate and certify the user story readiness with readiness checklist.
* Assist teams in removing impediments and also sheltering from outside interference.
* Work with PO and other scrum masters for the cross-functional dependencies and their deliverables.
* Share the weekly progress/status with management/PMO. Also participate in scrum of Scrum.
* Present the metrics analysis report (CFD, burn down, velocity, resource capacity allocation, defects) to management /team and work with team on the improvements.
* Work with the cross-functional dependency teams. Also work with ERMO team for the release management and the CD adoption and also the other services engagements like performance testing etc.
* Publish, execute and track the Release, Go-live readiness and deployment plan.
* Drive engineering practices such as effective code reviews, automation and TDD.
* Drive the adoption of agile process by the team and training the new team members.
* Responsible for configuring the custom apps in JIRA/Confluence (PMO Tool)
* Ensured Definition of Done (DoD) is adhered to while completing the stories and sprint
* Promoted an inclusive culture and fostering communication across the team.

**Keywords**: Agile Project Management methodologies, Scrum Master, Portfolio Management, Project Management, Agile Earned Value Management, End to end Release planning & Execution, Release retrospective, Variance Analysis, daily stand-ups, sprint planning, Story grooming, sprint review, DoD, sprint retrospective, Burn up & down charts, Risk/Issue meetings, Lessons Learned, Iterative & Incremental development, Prepare & share MOM, JIRA, Confluence, Dashboards, team Velocity.

**Technologies**: MySQL, PHP, JIRA, Selenium, Confluence

**Mercedes-Benz Financial Services USA LLC, Fort Worth, Texas, USA**

**Data Warehouse Renovation (BICC)**

**Project Manager**

**Mar 2014 - Aug 2015**

* As a Project manager managed the entire IT data warehouse project by resource allocation, assigning tasks, getting status of the assigned tasks, resolving the challenges and implemented the deliverables as per plan.
* Completed analysis of risks, and lead in developing and implementing data mitigation plans and solutions utilizing SDLC methodologies.
* Responsible for facilitating review meetings to review the process flows drawn by the client and suggesting process improvements and translating those process improvements into business/project objectives.
* Responsible for creating and base lining the scope for the project and identify key business commitment milestones for the project. Prioritization of Requirements/Change Request accordance to the business needs.
* Used extensively MS Project creating Project Plan/Budget for the project and provide Level of efforts, sizing for the project, Release planning & Milestones.
* Develop and implemented QA tool using Access DB/DB2 as defect tracker. Worked closely with SIT (QA), UAT, Performance testing team by reviewing test plan, test scripts and attending defect Triage meetings to make sure SIT (QA), UAT, Performance testing completed as per plan in order to achieve the project milestones.

**Keywords**: Agile Project Management methodologies, Portfolio Management, Project Management (MS-Project), Project Plan, WBS, Steering committee, Tollgates meeting, EPMO Meeting, Gap Analysis, Contingency and Management Reserve, Tollgate meetings, Agile Earned Value Management, End to end Release planning & Execution, Release retrospective, Variance Analysis, On-site Off-shore development Teams, Daily Stand-ups, Burn up & down charts, Risk/Issue meetings, RAID logs, Lessons Learned, Iterative & Incremental development, SOW, CRs, project financials report (i.e. actual and forecasts), Prepare & share MOM, Monthly billing.

**Technologies**: Cognos 10.1Bi, Informatica, MS SharePoint, DB2, MS Projects

**Dr Pepper and Snapple Groups (DPSG), Plano, Texas, USA**

**Project Capstone**

**Project Manager/PMO**

**Apr 2013 – Dec 2013**

* As a Project manager/PMO developed client side PMO standardized implementation budget, scope, timeline, quality, and cost estimates. Completed analysis of risks, and lead in developing and implementing data mitigation plans and solutions utilizing SDLC methodologies.
* Established a process framework and the efforts involved in modeling processes which help a PMO by define its boundaries, educate the organization about its purpose, and achieve buy-in from key stakeholders.
* Enhanced the PMO process and templates to implement the effective management of the life cycles of various projects.

**Keywords**: Project Management (MS-Project), Agile Project Management methodologies, Project Plan, WBS, Steering committee, Tollgates meeting, PMO Meeting, Gap Analysis, Contingency and Management Reserve, Tollgate meetings, Agile Earned Value Management, Prepare & share MOM, Variance Analysis, On-site Off-shore development Teams, Daily Stand-ups, Burn up & down charts, Risk/Issue meetings, RAID logs, Lessons Learned, End to end Release planning & Execution, Release retrospective, Iterative & Incremental development, SOW, CRs, project financials report (i.e. actual and forecasts), Monthly billing.

**Technologies**: CRM, MS SharePoint, SAP BW BI, Micro Strategy, Oracle 10g, MS Projects, HP Quality Centre, Load Runner

**Bank of America, Texas, USA**

**Foreclosure Referral Review (Phase IIB FRR/Non Workable & Bypass)**

**Project Manager**

**July 2012 - Mar 2013**

* As Project Manager managed a team size of 15 in onshore/offshore includes 2 BA's/Architect teams by resource allocation, assigning tasks, getting status of the assigned tasks, resolving the challenges and implemented the deliverables as per project plan.
* Complete knowledge on all phases in the lifecycle of PEGA BPM project implementation. From DCO, design of class structure & canonical model, Efforts & Estimation, flow definitions (translate the business process model into Visio Diagrams), rule implementations, testing and deployment (DTS plan).
* Worked closely with SMEs and project stakeholders for developing Business Requirements, and Functional Requirements, Use Cases through interviewing, brainstorming, DCO JAD and JAR sessions.

**Keywords**: Agile Project Management, Clarity, Daily Stand-ups, Portfolio Management, Project Planning WBS, estimation, Reviews & Retrospectives, On-site Off-shore development Teams, EPMO Meeting, Stakeholder Engagement, Tollgate meetings, Achieving milestones, Communication Management, test execution, coverage map, resources utilization, performance baselines, End to End Release planning & Execution, Release retrospective, test strategy/plan, defined testing methodology,SOW, CRs, project financials report (i.e. actual and forecasts), Risk/Issue Management, RAID logs, Prepare & share MOM

**Technologies**: PEGA PRPC 6.2, MS Projects, MS Excel, MS PowerPoint, SharePoint, Clear Quest, MS Visio, IBM Maximo RFC tool, Nexus tool

**CVS Caremark, Texas, USA**

**Prescription Benefit Management (PBM)**

**Project Manager/PMO**

**Oct 2011 – July 2012**

* As Project Manager managed a team size of 10 in onshore/offshore includes 1 BA/Architect. Also worked closely with multiple project managers (onshore/offshore) to ensure that project delivered & implemented as per the project plan and updated the plan in a timely manner.
* Conducted workshop & prepared reports in Risks & Issue tracker, dependencies logs and change requests. Handled multi- million RFP responses, MSA (Master Services Agreement) drafting, and SOW preparation.
* Managed and worked closely with PMO teams to implemented the PMO process where it necessary. Helped other project managers to follow the PMO Process effectively by means of e-learning programs & received feedbacks thru Survey using SharePoint.

**Keywords**: Agile Project Management, Clarity, Daily Stand-ups, Planning, Reviews & Retrospectives, On-site Off-shore development Teams, Stakeholder Engagement, Scope management, Communication Management, test execution, coverage map, resources utilization, performance baselines, test strategy/plan, defined testing methodology,SOW, CRs, budget, project financials report (i.e. actual and forecasts), Risk/Issue Management using RAID logs, Prepare & share MOM, Change Management

**Technologies**: AS400, MS Projects, MS Excel, MS PowerPoint, SharePoint, Clear Quest, MS Visio, Six Sigma tools and techniques

**Lloyds TSB Group, London, UK**

**Group IT Policy Compliance (GIT PO)**

**Project Manager/Scrum master/PMO**

**Oct 2009 – May 2011**

* As Project Manager managed a team size of 20 in onshore/offshore vendors includes 1 BA. Mentoring, and coaching Scrum team members (Off-shore and On-shore model).
* As a SCRUM Master leading Scrum team in terms of Scrum methodology is implemented and followed efficiently. Enforced Time boxes and made SCRUM Artifacts visible to the team at any given point and assist core Scrum team/Product Owner in removing impediments to achieve sprint goals.
* Facilitating Daily Stand up meetings and getting accurate updates for task cards and updating Sprint Burn down Chart.
* Facilitated Sprint Planning Meeting to negotiate which Product Backlog Items team will attempt to convert to working product during the Sprint.
* Leading SCRUM Methodology to develop requirements by managing Product Backlog and facilitating SCRUM processes.
* Mentored the software development team(s) to establish manageable Sprint Goals and deliver quality releases in short periodic manner.
* Working closely with team of developers and testers to focus on Sprint Backlog Items and coordinating small frequent releases.
* Effectively conducting Sprint Planning and Sprint Review sessions to create Sprint Backlog and extract necessary information to ensure Sprint effectiveness and success.
* Conducting Release Reviews and ensure lessons learned from each Sprint carried forward to next Sprint.
* After Sprint execution, held Sprint Review Meeting to demonstrate a working product increment to the stakeholder’s for their feedback and sign off.
* Sound knowledge in 3rd party spend/vendor management and Procurements. Restructured, defined, created and implemented the 3rd party spend/vendor management business process model. Every 3 months assessed the current state value stream mapping in terms of creating flow to eliminate unwanted approvals & spending which helps bank to move future state value stream map.

**Keywords**: Agile/Scrum Project Management, Portfolio Management, Clarity, 3rd party spend/vendor management, Change Management, Procurements, Daily Stand-ups, CRs, Program/project levels plans, Resource management, Milestones, project financials report, Risks & Issue tracker using RAID logs, dependencies logs and change requests, Release Score Card, compliance reports, Sprint Planning, Reviews & Retrospectives, Planning Poker, Prepare& share MOM

**Technologies**: Cognos 8BI, Report Studio, Query Studio, Oracle 9i/10g , MS Projects, MS Excel, MS PowerPoint, SharePoint, Clear Quest, MS Visio, Six Sigma tools and techniques

**Merck & Co., Inc., Rahway, USA**

**Clinical Data Repository (CDR)**

**Technical/Project Manager**

**Feb 2007 – Aug 2009**

* As Project Manager/PMO Lead managed a team size of 8 in onshore/offshore. Provided technical and business liaison support for onsite and offshore project teams. Actively involved in offshore business expansion and overseeing new projects. As the first line of support, address queries about the expected functionality of the product and the new functionality to be implemented.
* Gather Clinical Data requirements from business and prepared technical specification documents met the technology used. Coordinated with Production Support personnel while enhancing existing Clinical functionality. Prepared the periodic reports for the senior management and other related departments.
* Upgraded CDR Data Exchange architecture from legacy platform to multi-tiered distributed platform to handle approximately 11 million transactions a day. This CDR provides a consolidated data repository for clinical patient data across drugs and vaccine programs. It will support several business processes and facilitate downstream analysis.
* Used extensively MS Project creating Project Plan/Budget for the project and provide Level of efforts, sizing for the project, Release planning & Milestones.

**Keywords**: Agile Project Management, Configuration management, Change management, CRs, Scope Management, Stakeholders, Senior managements, SIT(QA), UAT, Tollgate meetings, Performance testing team, reviewing test plan, test scripts , End to end Release planning & Execution, Release retrospective, defect Triage meetings, Test Plans, Test Cases, Test Scripts, Business Analysis, Test Defect Log, Test Case Checklist, Release Score Card, Prepare& share MOM.

**Technologies**: Oracle 9i/10g, ASP.Net, Java, MS Projects, MS Excel, MS PowerPoint, SharePoint, Clear Quest, MS Visio, IBM Maximo Mercury, Six Sigma tools and techniques

**Amgen Inc. Thousand Oaks, USA**

**Payor Intelligence Capability (PIC)**

**Technical Project Lead**

**Jul 2005 – Jan 2007**

* As Technical Project Manager/Technical Lead for the team of 10 people in onsite and offshore.
* Involved with data warehouse BA's & Architect's in development of large Data warehousing system for CAIR (Corporate Account Information Re-architecture). All the claims data of their customers from third party data vendors like Covance and loaded this multiple format data into a centralized data store.
* Provided technical and business liaison support for onsite and offshore project teams. Actively involved in offshore business expansion and overseeing new projects.
* Involved in creating/updating/publishing model and packages using Framework Manager.
* Analyzed Cognos SQL through Explain plans and enhanced query performance by altering joins, filters and calculations.
* Developed various report types ranging from simple lists, crosstab, chart, through complex dashboards, drill-through, Master-Detail and Conditional formatting reports. Created Complex, multipage reports involving prompts, Cascading prompts, Conditional rendering and Conditional formatting. Developed Prompt Pages, Cascaded input Prompts to display only the selected entries in the report and also worked on the customization of prompt parameters.
* Tuned server performance by adjusting the level of logging, grouping dispatchers in configuration folders, setting the dispatcher load balancing mode, maximizing usage during peak hours and setting queue time limits.
* Used extensively MS Project creating Project Plan WBS for the project and provide Level of efforts, sizing for the project, Release planning & Milestones.

**BSMART - Prototype project**

* Worked on prototype projects about the Biological Sample Management (BSM), Clinical Immunology, Clinical Data Management, and Pharmacokinetics and Drug Metabolism group scientists and associated information systems. The BSMART project scope will develop and implement the updated software package in the BSM department.
* Understand the complete functional, performance, and security requirements for the Biological Sample Management and Reporting Tool (BSMART) which was implemented in IBM Maximo and we did prototype on Oracle forms/Reports 9i to helps monitor, track and manage equipment, facilities, mobile and IT assets on a single platform and be fully FDA compliant.

**Keywords**: Agile Project Management methodologies , Scope management, Row & Object level security, Classes & Objects, Embedded Functions, Multi-Dimensional Analysis, Master-Detail, Cross-Tab Reports, 2D, 3D & Pie Charts, Published Documents, Info View, tuning, SQL queries, Procedure, index, Functions, test procedure, End to End Release planning & Execution, Release retrospective, test plans

**Technologies**: Report Net 1.1 Framework Manager, Cognos Connection, Report Studio, Query Studio, Oracle forms/Reports 9i, IBM Maximo

**BCN Care Managements (Trizetto - BCBS Michigan)**

**Technical/Team Lead**

**Aug 2004 – Jun 2005**

* As Technical/Team Lead understanding the requirement documents and prepared technical specification, test plans and test cases. The challenge was to consolidate data from multiple sources such as FACETS (Oracle database), PHARMACY CLAIMS 3DS (Oracle database), CRIS (Mainframe), and then present it in most optimized format using Data warehousing tools - Business Objects & Informatica
* Controlled resources like Universes, Documents & Stored Procedures being a Supervisor-Designer. Created Users/Groups/Sub-Groups & assigned profiles there by restricting un-authenticated access to resources.

**Keywords**: Agile Project Management methodologies , Scope management, Row & Object level security, Classes & Objects, Embedded Functions, Multi-Dimensional Analysis, Master-Detail, Cross-Tab Reports, 2D, 3D & Pie Charts, Published Documents, Info View, tuning, SQL queries, Procedure, index, Functions, test procedure, End to End Release planning & Execution, Release retrospective, test plans

**Technologies**: Business Objects 5.1.6 (Reporter, Designer and Supervisor), Oracle 8.x, SQL Server 7.x, and Sybase

**JP Morgan Chase, USA**

**Reference Data Distribution**

**Technical/Team Lead**

**July 2003 – July 2004**

* As Team Lead/ Technical Lead involved in requirement analysis, preparing Use cases, technical specification, test plans and test cases, developing and testing Oracle Stored Procedures, Functions and Packages, tuning queries in Oracle SQL and PL/SQL.

**Keywords**: Agile Project Management methodologies, release plan, tuning, SQL queries, Procedure, index, Functions, test procedure, test plans, test Design Document, test Plans, test Strategy documents.

**Technologies**: Optiva PLM, ASP.Net, Oracle SQL, PL/SQL, Shell Script and Sybase Replication Server, Six Sigma tools and techniques

**CNBio, USA**

**(Upgrade Oracle Forms 3.0/Reports 1.1 to Developer 6i)**

**Lead programmer**

**Oct 2002 - Jun 2003**

* As a Lead programmer developed Stored Procedures, Packages, Functions, triggers, SQL queries to implement complex business logics in heterogeneous database environment.
* Using the GUI Convertor tool the Oracle Forms 3.0, Reports 1.1 migrated to Forms6i and Reports6i and this application will be deployed in the Oracle 6iAS server with new futures & flexibility. Tuning and performance of existing and new SQL queries/database packages/functions/ procedures/triggers.

**Keywords**: Agile Project Management methodologies , Tuning, performance, SQL queries/database packages/functions/ procedures/triggers, requirement analysis, OOAD, database design, client applications, web applications, technical design documents, data cleansing, relational database, code changes, test procedure, test plans

**Technologies**: Oracle Forms 3.0, Reports 1.1, SQL Script, Developer6i, Oracle 6iAS

**IBM, USA**

**Web Toolkit for Oracle Forms**

**Programmer/Consultant**

**Aug 2001 – Sep 2002**

* As a Programmer, I involved in supporting the Java tools team by developing Oracle Forms (in all version) with different functionality (i.e. by developing the forms with form properties, attributes, PL/SQL built-ins etc.).
* Wrote White paper for DB2 UDB and MySQL. This was done by exploring both the databases DB2 UDB and MySQL by comparing data types, migrating tips, case studies with examples, memory testing, advantages for migrations etc.

**Keywords**: Agile Project Management methodologies, Automation, Functionality testing, System testing, Stress testing, Load testing, Backend testing, Data driven testing, Regression testing, and Integration testing, Test Plans, Test Cases, Test Scripts, Business Analysis, Test Defect Log, Test Case Checklist

**Technologies**: Oracle PL/SQL, Developer6i, Oracle 8i/9i, DB2 UDB 7.2, MySQL 4.0, Web services, Java, ASP.Net

**The Ontario College Application Services (OCAS), Canada**

**Programmer/Consultant**

**Sep 2000 – Jul 2001**

* As a Programmer I involved in analyzing entire Ingress Forms and Reports application and developed the application in Oracle Form 6i and Report 6i. Involved in creating documents on full functionality on each individual Ingress Forms 6.4 & Reports 6.4.

**Keywords**: Waterfall Project Management methodologies, development, Unit testing, coding, bug fixing

**Technologies**: Oracle SQL, PL/SQL, Delphi forms and Developer6i