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SUMMARY

- Over 10 years of IT experience involving various aspects of software development like client interaction, requirements analysis, architecture and design, development, team building and leading, code reviewing and bug fixing
- 5+ years of experience with C# (1.0 through 3.0) and .Net (1.0 through 3.5), 7 months with Java, 3.5 years with VB 6.0
- Over 3 years of experience with Financial clients like SunGard and JPMC
- Good knowledge of Agile methodologies and iterative development
- Solid understanding and experience with **OOAD** (Object Oriented Analysis and Design)
- Substantial experience with various advanced **open source frameworks** –
 - **Castle** – IoC and Monorail (MVC framework for Asp.Net)
 - **Spring.Net** – IoC, AOP and Transaction Management
 - **NUnit, Rhino Mocks** – Unit / Interaction testing
 - **NHibernate, iBatis.Net** – ORM
 - **NVelocity** – Text template engine
 - **Log4Net** – Logging
- Worked on Microsoft Enterprise Library, and Application Blocks (like Data Access, Exception Management etc.)
- Extensive use of various **GoF Design Patterns** (like Template Method, Visitor, Decorator, Factory Method, Abstract Factory, Strategy, Façade etc.)
- Working knowledge of MVC and MVP (using WinForms and Asp.Net)
- Experience with WCF, Web applications (Asp.Net 2.0), Ajax (Microsoft Ajax Control Toolkit) Desktop applications (WinForms), Multi-threading
- Experience with major databases like SQL Server, Oracle and Sybase
- Experience with third party UI components like Infragistics, SyncFusion

TECHNICAL SKILLS

Languages	C#, Java, C, VB, VBScript, JavaScript
Databases	Sql Server 2005 / 2000 / 7.0, Oracle 10g / 9i
Configuration Mgmt	TFS, Perforce, CVS, VSS
Reporting	Crystal Reports 7 / 6
Web Technologies	Asp.Net, ASP, JSP, Servlets
Architecture	.Net (3.5 / 2.0 / 1.0), COM / DCOM / MTS, J2EE

PROFESSIONAL EXPERIENCE

Redcats USA	Sep, 08 – Till Date
Redcats, USA	New York, NY
Engineer	Sep, 08 – Till Date
<p>Millena 2</p> <p>Redcats USA is an apparel manufacturer having many websites in US, for brands like The Woman Within, OneStopPlus etc. Its parent company, La Redoute, in France has some very well known brands under its banner like Puma, YSL.</p> <p>Millena 2 is an attempt to introduce SOA architecture in the enterprise. All the future websites will use Millena 2 services, and current websites will be enhanced to use the same services. SOA will also eliminate the problem of divergent code bases by centralizing the core business logic in various WCF services.</p> <ul style="list-style-type: none"> • Implemented Product Details feature of the Catalog data provider service using WCF • Exposed the above service on TCP and REST (returning data in JSON format) endpoints • Did integration testing of the above service <p>Environment: VS 2008, TFS, VS Unit, WCF</p>	

Horizon International, Belmont, MA	Oct, 07 – Aug, 08
Pitney Bowes	Danbury, CT
Architect	Feb, 08 – Jun, 08
<p>DPPConnector</p> <p>DPP Connector is a WinForms application, which connects DFWorks (a software written by Pitney Bowes), Prestige Scheduler (a third party scheduling software), and PI (Production Intelligence). It takes data from DFWorks database (on Oracle), and posts data in Prestige Scheduler (on SQL Server), and uses Socket communication to make Prestige API calls, to raise various Jobs to Prestige Scheduler.</p> <p>The application is architected using various Spring.Net components like IoC (for loose coupling), AOP and Log4Net (for logging) and NHibernate (for Data Access).</p> <ul style="list-style-type: none"> • Implemented DAOs for NHibernate and Ado.Net using Generics • Achieved loose coupling between components using Spring.Net IoC 	

- Implemented logging using Spring.Net AOP and Log4Net
- Implemented Transaction Management using Spring.Net AOP
- Used XML configuration files for externalizing required data and configuring objects and their dependencies
- Oracle 9i and SQL Server 2005 were the backend databases

Environment: VS 2008, CVS, NHibernate, Spring.Net, WinForms, Oracle 9i, SQL Server 2005, NUnit

JPMorgan Chase	Wilmington, DE
Architect	Oct, 07 – Feb, 08

Estimate Central

Estimate Central is a Project Estimation tool to be used by Project Managers and other stakeholders, to arrive at a good estimate (in dollar and man-months) of any new project being undertaken in Chase. The tool would allow various Blocks to perform and document, impact analysis of each requirement. The estimate is based on various factors like platform complexity, component complexity etc. The tool also allows dividing the effort among various supporting groups like BSAs, Testing, and Development.

It's a web-based application built using Asp.Net 2.0 and .Net 2.0-technology stack and Oracle 10g as database.

- Architected the whole application to use a layered architecture in a DDD (Domain-driven design) fashion, by converting the datasets into POCO domain objects
- Used **Microsoft Enterprise Library 3.1** DAAB for data access
- Master Pages were used for the common look and feel of the application
- Used ObjectDataSource to bind the domain objects to the various controls on the Aspx pages
- Used Calendar and ConfirmButton controls from the Asp.Net Ajax Control Toolkit
- Used the Asp.Net 2.0 Login, GridView, MultiView and DetailsView controls heavily in various Aspx pages

Environment: VS 2005, Microsoft Enterprise Library 3.1 Data Access Application Block, Asp.Net 2.0, Asp.Net Ajax Control Toolkit

<i>SunGard Offshore Services, Pune, India</i>	<i>Feb, 04 – Aug, 07</i>
SunGard Investran	Pune, India
Module Lead	Dec, 05 – Aug, 07

SunGard DX (Mar, 07 – Aug, 07)

SunGard DataExchange is a secure, web-based document management service and

document archive. The Bulk Upload utility will enable the users to upload large amount of files to the SunGard DX web site using a WCF service.

- Used Agile methodology for the estimation, and iterative development
- Architected the application to follow the **MVP (Model-View-Presenter)** pattern to achieve a testable UI
- Implemented a **WCF Service** to upload large number of files to the SunGard DataExchange web site
- Achieved interaction based unit testing of UI using Rhino Mocks
- Infragistics TreeView component was used to show multi-column tree view

Investran Relationship Manager (Jun, 06 – Aug, 07)

Investran is a powerful and comprehensive system, which provides investment and partnership accounting, portfolio management, reporting and analysis, and investor servicing solutions for private equity and alternative assets investment organizations.

- Designed and developed the **iBatis.Net** mapping files and the corresponding DAO classes in the Domain model
- Used Generics (using .Net 2.0) extensively in various DAO classes
- Wrote Unit Tests using VS Unit for the various DAO classes
- Used Castle Windsor to achieve IOC

Hierarchy component (Dec, 05 – May, 06)

Hierarchy component is a User Control displaying the Hierarchy in a tree-view (for WinForms) that is hosted in two different contexts i.e. Accounts and Transactions. The application benefited with MVC pattern by having a single view with different controllers.

- Architected the application to follow **MVC (Model-View-Controller)** architecture (using Template Method pattern)
- Designed and developed the **NHibernate** mapping files and the corresponding classes for the Domain model
- Used Infragistics TreeView component to show multi-column tree view
- Wrote Unit Tests using VS Unit

Environment: VS 2005 Team Edition, Team Foundation Server, SQL Server 2005, C# 2.0 / 3.0, .Net 3.0, NHibernate, iBatis.Net, Castle Windsor (for IoC), VS Unit

SunGard Trading Systems	Pune, India
Senior Software Engineer	Feb, 04 – Nov, 05

DB Streamliner (Nov, 04 – Nov, 05)

Panorama BackOffice uses stored procedures for the CRUD operations. This tool (written in C# and WinForms) is a code generator that generates stored procedures / Triggers for

the three main database vendors namely Oracle, Sybase and SQL Server. It also features a wizard where a table can be modified and corresponding SPs be generated. The tool also included Consistency Checker (to do the directory comparison for the three vendors) and Dependency Checker (for ascertaining the dependencies of a SP on other SPs).

- Designed and developed the whole application that generates SPs / Triggers for SQL Server, Sybase and Oracle
- Designed and developed UI components to create or modify a database table interactively
- Wrote a custom parser for parsing the various table definition SQL files
- Used Infragistics grid for easy manipulation of data

Adaptiv BackOffice (Feb, 04–Oct, 04)

Adaptiv BackOffice is a General Ledger / Accounting system for the enterprise. It can also be integrated with other systems using NTM (Network Trade Model), an open specification developed in association with W3C. It supports multiple databases. This product (which was developed using VB 6.0), was re-written for the .Net framework using C#.

Environment: VS 2003, Perforce, NUnit, Oracle, Sybase, SQL Server 2000

<i>Fusion Technologies, Pune, India</i>	<i>Aug, 03 – Feb, 04</i>
HyperFeed Technologies	Pune, India
Senior Software Engineer	Aug, 03 – Feb, 04

HyperFusion

HyperFusion is a product that allows the user to look into the Stock market data provided by companies like HyperFeed. It uses HyperFeed APIs to connect to their servers and get static as well as Real Time data.

The UI consisted of 8 complex screens which show Stock Market data in various views like a Grid view, Chart view etc. This data is updated online and always stays current.

- Designed and developed various screens (using **Multi-threading**) in C# and WinForms
- Used multithreaded Xceed Grid to display real time data
- Designed and developed wrappers (as assemblies in C#) for HyperFeed ActiveX EXEs
- Designed and developed Excel RTD server component

Environment: VS 2000, VSS, XML, Xceed

HCL Technologies, Gurgaon, India	Aug, 00 – May, 03
ClearCross	Gurgaon, India
Software Engineer	May, 02 – May, 03
<p>Export Compliance Suite (May, 02 – May, 03)</p> <p>The product is a J2EE thin client application based on ASP model and comprises of services like ECE (Export Compliance Engine), DPE (Document Production Engine) and LCE (Landed Cost Engine).</p> <p>The GUI is built using JSP / Servlets, and the data transfer is done using XML APIs. Oracle 8.1.7 is being used as the database server. It is also integrated with other ERP packages like Oracle Apps 11i.</p> <ul style="list-style-type: none"> • Created the Usage Reporting module which maintains all the statistics with regard to the Service Usage by various subscribers • Developed a module to keep historical data in staging and used XML to transport staging data to production • Used SAX parsing to parse XML files • Developed a module for Private Data Screening (Corporate Compliance) while screening transactions through ECE, both from the UI and XML • Developed the Export Compliance Engine which includes complete life - cycle from design, development, testing and implementation using JSP / Servlets <p>Environment: Java 1.3, JSP, Servlets, XML, Oracle, PL/SQL</p> <p>Custom House Brokerage and Importer (Nov, 01 – Apr, 02)</p> <p>These are the two Importer products of ClearCross developed in VB using ActiveX components and ADO, which support multiple Databases like Oracle and SQL Server using ODBC. This includes functionality like EDI, AES etc.; those are required by U.S. Customs Department.</p> <ul style="list-style-type: none"> • Prepared the System Manual for the existing products • Did the System Study (for merging the two products) at the client site in New York, NY <p>Environment: Visual Basic 6, Oracle and SQL Server</p>	
EXE Technologies	Gurgaon, India
Software Engineer	Aug, 00 – Oct, 01
<p>Warehouse Management System</p> <p>EXE Technologies, with its powerful R&D and Professional Services group, is one of the</p>	

biggest manufacturers of warehouse management software in the world. The system is highly parameterized, so with minimum efforts this can be implemented in any warehouse according to the needs of the warehouse.

- Developed various ActiveX controls for Reports Module and Cross-Dock Module
- Wrote queries and stored procedures in SQL Server
- Developed the Translation module (for Internationalization) in an ActiveX DLL
- Made CAB files of the various controls and integrated them in ASP pages
- Did the peer Code Review and Documentation
- Performed Acceptance testing at the client site, **Philadelphia, US**, for a period of three months

Environment: ASP, Visual Basic 6, Visual Source Safe 6, SQL Server 7, ActiveX

<i>Indus Software, Pune, India</i>	<i>Mar, 99 – Jul, 00</i>
IDFC	Pune, India
Programmer	Mar, 99 – Jul, 00

IBS (Integrated Business System)

IDFC is set up by Govt. of India with other FIs to fund various infrastructure projects. It was a turnkey project consisting of 6 modules viz. Credit Approval and Commitment, Disbursement and Invoicing, Resources, Revalidation, Financial MIS and Legal. The project was built using a distributed 3 Tiered architecture with Business Objects being hosted in ActiveX DLL under MTS 2.0. Visual Source Safe was used for Version Control.

The system took care of the entire process involved in the disbursement of a loan starting from entering the details of the customer, deciding the credit worthiness of that customer, ascertaining whether IDFC has enough funds to give loan to the customer and then disbursement of the loan. The system also handled revalidating the loan amount in case the customer defaulted.

- Designed and coded different forms for CA & Commitment module and Resources module in VB 6
- Wrote ActiveX DLLs containing general-purpose functions
- Wrote Business Objects (as ActiveX DLLs) that were hosted under MTS
- Designed reports using Crystal Reports 7.0
- Wrote queries and Stored procedures in SQL Server

Environment: VB 6, VSS 6, Sql Server, Crystal Reports

EDUCATION & CERTIFICATIONS

Diploma in Advanced Computing – India
Post Graduate Diploma in Business Management – India
B Sc (Computer Science) – India