CURRICULUM VITAE

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Profile – Contract Software Developer

I am an experienced software developer with 10+ year's software development experience with Microsoft .Net technologies, with specialist development skills in C#, .Net core, WPF, ASP.NET MVC, MS SQL Server, Oracle. Microsoft Azure and Angular. I have a sharp eye for detail and quality and have experience of working throughout the software project life cycle. I am a self-motivated individual who is both deadlines focused and able to adapt to new work environments & situations.

Summary

- I am specialized in developing Enterprise scale n-tier Web, WPF Applications, Web API and Report solutions using Microsoft .Net and BI stack.
- Strong experience in using OOP, SOLID principles, solid knowledge on Design patterns.
- Strong experience in creating Web API services with in Service Oriented Architecture (SOA).
- Strong experience in design and implementing SQL reports (SSRS)/ Crystal reports and use mix of T-SQL / MDX / C# to build reports and report solutions
- Good knowledge and experience in Database design, indexing, writing Stored Procedures, SQL Plan, Tracing and working with large datasets.
- Proven track record of delivering working solutions against timescales and have sense of urgency with regards to production issues and trouble shooting.
- Good experience working in large-scale enterprise wide IT environments containing multiple technologies, Servers and logical environments.
- Good experience in agile development methodologies, TDD, Continuous Integration, enterprise project development lifecycle, Change and Release Management.
- Good Knowledge and experience in banking and financial services and experience in working with Front office trade capture systems, Equities, Fixed Income, Structure Product notes, Wall Street Docs & Bloomberg API.
- Microsoft Certified Technology Specialist.

Technical Skills

- C#, .Net Core 2.2, .Net framework 2.0 to 6.0, Angular 4 and 7
- Microsoft Azure, DevOps, Cognitive Services, Azure Storage Functions.
- ASP.Net Core MVC, WEB API, Bootstrap.
- JavaScript, JQuery, Ajax, CSS, SASS.
- T- SQL, PL/SQL, Entity Framework.
- XML, LINQ, SOAP, IIS.
- Azure SQL Server, Oracle 12g, OLAP, MDX, SSAS, SSRS, SSIS.
- Visual Studio 2012 & 2017, VsCode, GIT Hub, Team City, JIRA.
- TDD, MS Unit Testing Framework, NUnit,
- Microsoft Business Intelligence, Tableau, Crystal Reports.

Professional Experience

Full Stack .Net Developer
UBS AG; **London, UK**; **Banking Industry** (through Consultancy Access plc)
16 October 2017 to 31 December 2019 (3 + 12 + 12 month contract extensions)

Responsibilities
- Working as Full Stack .net developer in the End User Tools & Automation - Team of 10 and contribute to the development and design of the bank's global User Profiling systems and architecture, working closely with the business analyst and technology teams to develop the next generation self-service tools focused on improving the End user experience, consolidating tools, and advancing self-help and automation.
- Design and Development of Large Intranet Web Portal in Angular 4 and upgrade to 7.Design and Development of Azure BOT Service and Integrate BOT chat control (V3) into Web Portal.
- Integration work related to Blackberry Dynamics API and PointSharp API.
- Design and Development of secured public facing web portal with two factor authentication using ASP.NET .Net core 2.2 and deployment Microsoft Azure.
- Work on a 3 month dead line project involving Design and Development of Azure Functions, Reading and Writing to Azure Blob storage, Use of Microsoft Cognitive services, and A web Frontend In ASP.NET Core 2.2 MVC, use of Azure for Continuous Integration and Deployment.
- Day-to-day handling of technical issues and providing resolutions.
- Coordination of releases.

Development Environment: C# 4.5, ASP.NET Core 2.2, ASP.NET WEB API, Angular 7, SQL Server 2012 T-SQL, Visual Studio 2017, Git Hub, Jira, Microsoft Azure Services, Azure Dev ops, LUIS,QNA Maker.

.Net Developer
Blind veterans UK; **Marylebone, London, UK; Health Care Charity**
09 January 2017 to 21 Sep 2017 (9 months)
July 2011 to December 2011 (6 months)

Responsibilities
- Work on In-house Built CRM – incorporate new Outcome Framework which evolved due to Business transition. (In this recent contract positon –Jan 2017- July 2017)
- Bespoke, Customise and debug the Multi-site large CRM system to incorporate new requirements, change requests and enhance to meet the business need.
- Work closely with Business systems manager, capture change requirements, complete the work orders within given time scales.
- Developed WCF Web Service to expose care information to third party care system.
- Development, debug code with focus on supporting the existing system.
- Develop crystal reports (Customer, transport, Daily Meal, Room- booking reports) and incorporate into the respective modules of the system.
- Developed PL/SQL Stored Procedures, Views, and Functions (mostly to drive the crystal reports). Developed high performance complex grid to show the bookings.
- Create Word document Templates and macros for various letter formats.
- Debug and Resolve Application Level bugs causing Blocking Locks/Deadlocks in Database, JavaScript errors.

Development Environment: C# 3.5, Asp.net 3.5, JavaScript, Ajax, JQuery, WCF Services, DI-Structure Map, Visual Studio 2008-2012, MS-Unit Testing, Visual Source Safe, Telerik Ajax Asp.net Controls, Infragistics Asp.net controls, PL/SQL, Oracle 10g, IIS

C# Developer

JPMorgan Chase & Co; **London, UK**; **Banking Industry** (through agency Resource Solutions)
05 November 2014 to 23 December 2016 (6 + 6 + 6+6 month contract extensions)

Responsibilities

- Working as Advanced Application developer in the End User Tools Automation - Team of 3 and contribute to the development and design of the bank's global User Profiling systems and architecture, working closely with the business analyst and technology teams to develop the next generation self service tools focused on improving the user experience, consolidating tools, and advancing self-help and automation.
- Design and Development of Concierge IT a self-service portal which empowers employees and managers to proactively monitor and reconcile their technology inventory. The tool provides a consolidated view of technology spend, Real-time usage reports, combined with recommendations for significant savings and will enable to determine which technology is right for user and their team.
- Design and Development of SSIS package to pull data Daily/Weekly from Active Directory, MARS- Billing, HR, ESAM, CIMS, EURC Inventory and few other Data Sources. Develop T-Sql scripts to perform calculations and apply analytics and populate tables with data for later reporting and to be consumed by other systems.
- Designed and developed OLAP cube and a front end pivot table enabling slice and dice Concierge IT data, export custom reports.
- Develop complex T-SQL/Stored Procedures queries to calculate recommendations, to provide useful information in the form of reports.
- Developed Front end Dashboard Interface, Developed Web API to expose Concierge IT data for use by various other teams.
- Day-to-day handling of technical issues and providing resolutions.
- Coordination of releases

Development Environment: C# 4.5, WPF ,PRISM ,MMVM, ASP.NET Ajax, WEB API, WCF Services, Telerik Data Access, Telerik ASPNET AJAX & WPF UI Components, SQL Server 2012 T-SQL,SSIS, SSAS, Visual Studio 2012, Subversion, Jira, TDD.

C# WPF Developer

Citi Group; **Belfast, UK**; **Investment Banking Industry** (through agency FDM Group)
22 July 2013 to 18 July 2014 (6 months contract + 6 month extension)

Responsibilities

- Was recruited to join highly experienced Agile TDD Multi Asset Team of 5 to work on front office trade capture system and is mainly responsible for design and construction of customisation, development, code changes, day-to-day handling of BAU issues in trade capture and back office systems, and handling of QA, UAT and Production releases through uDeploy.
- Work along with BA's, structuring and Middle office users to capture change requirements.
- Onboard of new structured product notes - Leverage, Dual/Range Accrual, Inverse Float under Fixed Income family, Principal Protection Note and few other to mention in to existing trade capture system, Integrate with Wallstreetdocs using their Rest API for document generation, integrate with Bloomberg API for historical and Markets data subscriptions.

- Development of Views, View Models, Reusable controls and custom behaviours using MVVM UI framework. Design and develop unit tests. Migration WPF UI from .Net 3.5 to 4.0, Replace of Mediator pattern and use of Event Aggregation.
- Design and development of .Net MVC Web Application (Retirements) from scratch using incremental and iterative approach (Agile) and TDD.
- Development of PL/SQL scripts to On-board customisations and release through Hermes. Create/Customise workflows to automate various process including auto approvals of trades, Identifiers, email-generation, Upload documents.

Development Environment: C# 4.0, WPF, XAML, MVVM, PRISM 4.1, RX, WEB API, JQuery, WCF Services, WWF, Visual Studio 2012, TFS, Continuous Integration, ODP.NET, PL/SQL, Oracle 11g, SQL Developer, Resharper, NUnit, Jira (Agile), TDD, uDeploy.

Senior Application Developer
HCL PLC; Central London, UK; Recruitment Industry (through agency Empiric Recruitment)
13 Nov 2012 to 19 July 2013 (6 months contract + 2 month extension)

Responsibilities
- Working as Application developer reporting to development manager and is responsible for designing and creating Bespoke applications, and help the team develop reporting capabilities using SSRS and SSIS and change the way key facts and figures are reported to a range of Business Units across HCL.
- Design and Development of WCF API's services to integrate between internal and external applications that include Email Marketing System- EXACTTARGET, Supply management System- COMENSURA, Matrix-CR.Net.
- Design and develop executive ready reports and dashboards from .NET in SSRS maintain Reports manager.
- Development of Stored procedures to drive SSRS Reports.
- Development of Windows Services for Data Extracts & Development of SSIS Packages.

Development Environment: C# 4.0, Visual Studio 2012, WEB API, Entity Framework 4.0, SQL SERVER 2008 R2, SSRS, SSIS, Repository Pattern, MS-Unit, IIS 7, MSMQ, SOA Architecture, Windows 2008 R2.

Senior Application Developer
Sports Alliance; Central London, UK; Marketing Industry
8 August 2012 to 12 November 2012 (3 months + 6months freelance work)

Responsibilities
- Working as Application developer closely alongside with 1 junior developer, 5 database developers and the Sports Alliance operations and management team to complete a version release of a CRM application in ASP.Net /Silverlight used by Major Football clubs.
- Take ownership of the application with focus on Debug, enhance, support and Deployment. Created Test environment for testing the web application.
- Development of Business Intelligence Visualisation and Reports Manager using Silverlight 4 to provide end user with Self-service BI capabilities.
- Designed, Developed WCF API service to expose membership and Loyalty management services, used by third party systems.
- Configured IIS, Deployed application and WCF services on remote server, troubleshoot, improved application performance and see through completion.
- Mentor the junior .net developer, and other database developer in design and deployment of OLAP Cube.

Development Environment: C# 4.0, Asp.net, Silverlight 4, Telerik RAD Controls for Asp.net, DevExpress Silverlight Control (BI Pivot Table) JavaScript, Ajax, Visual Studio 2010, TFS, Entity Framework 4.0, MS-Unit, SQL SERVER 2008 R2, SSRS, IIS 7, SOA Architecture, Windows 7.

C# .Net/Business Intelligence Developer
APIRA LTD **Waterloo, London, UK; Software Consultancy** (through agency G2 Recruitment)
January 2012 to 7 August 2012 (6 months)

Responsibilities
- Work within the development team of 2 to design and develop .Net Web Application (Information Asset Management) from scratch using incremental and iterative approach (Agile), TDD. Attend Sprint meetings, gather user requirements, and document.
- Developed the Repository pattern abstraction layer, Build Data Access Layer using EF.
- Developed Interfaces/Data Contracts, Design and Develop the Unit tests.
- Front End Development using Telerik Asp.net MVC Controls, JQuery, CSS.

Business Intelligence Development
- Working in a busy team of 4 to develop a Data warehouse using Microsoft BI Stack for *Christie* **NHS Foundation Trust**.
- Following successful business case, the system was developed on a layered design approach with delivery focussing on Drug prescribing details, Chemotherapy PBR and **Survival Rates**. To achieve this data is gathered from 6 separate sources at a patient level and deployed analytical cubes to support flexible report production.
- Designed and Developed OLAP CUBES (Survival Rates, Pharmacy), User Defined Hierarchies. Developed SQL Scripts to apply clinical rules to patient data before feeding to staging database.
- Developed Role playing Date Dimension used for deriving measures - Date Intervals (e.g. Patient Last Known Alive Date – Date of registration/referral, Date of First Treatment, Date of First/Last Major surgery/Chemotherapy and a few to mention) used for Patient survival rate calculation and reporting.
- Developed Maintenance screens using Asp.Net MVC to maintain OLAP cube Dimensions.
- Developed BI Reports/KPI and configured in SharePoint 2010, connects to OLAP cube and pull data using MDX queries, used by Doctors and Management Staff in the trust to visualize the Survival rate of cancer patients, perform Kaplan Meier Survival rate calculation, Calculate Waiting Times.
- Developed ETL Package (Process Analysis task) to automate OLAP Cube Processing on daily basis.

Development Environment: C# 4.0, Asp.net MVC 4.0, JAVASCRIPT, JQuery, JSON, CSS, Visual Studio 2010, Subversion, SQL SERVER 2008 R2, Structure Map, ELMAH, Entity Framework, LINQ, MS Unit Testing, ADOMD.NET, MDX, SharePoint 2010, IIS 7.0

Sub Contract Software Engineer
Babcock International Group PLC; **Whetstone, Leicester, UK**; **Engineering Industry**
Feb 2011 to July 2011 (4 Month Contract); (through agency Acorn Recruitment)

Responsibilities
- Work within the development team of 4 to design and development of WPF Line of Business/Dashboard application which provides Real Time and Historical information related to Airports - Baggage Handling system.
- Liaise closely with the Lead Engineer at the design stage to gain a full understanding of the project requirements. Responsible for contributing to technical design documentation.
- Developed and configured WCF services to monitor TIBCO message queues, to drive real time monitoring Dashboard.
- Developed the Views, ViewModel classes (MVVM modules) for various Charts/statistics UI. Develop custom behaviours using MVVM UI framework.

- Develop the application code that is scalable, extensible using the features provided by PRISM 4. Developed the Data Access Layer using Telerik Open Access ORM.
- Create interfaces, design and develop unit tests.

Development Environment: C# 4.0, WPF, MVVM, Microsoft Prism 4.0, WCF Services, Telerik WPF Controls, Telerik Open Access ORM, Visual Studio 2010, Microsoft Visual Source safe, LINQ, Reactive extensions, NUnit, Oracle 10g, IIS, Agile Development- Scrum.

Software Developer
The Newcastle Upon Tyne Hospitals NHS Foundation Trust ; Newcastle upon Tyne, UK
November 2010 to February 2011

Responsibilities
- Bespoke the Multi site Web application (e-Referral Health care system) to incorporate new requirements and enhance to meet the business needs. Design and development of Decision support tools using Clinical Scoring algorithms, following in-house coding standards and integrate into the existing web application, extend the application to expose the services to third party system- Dendrite Clinical system.
- Development of Annual leave entitlement calculator and integrate to existing CMS (used by Trust staff).
- Migration of existing Crystal reports to SQL Server reporting services 2008.
- Ensure that all Requests for Change (specifications and requirements) are captured and fully documented. Provide a software support service to identify and rectify software bugs and faults logged on the IT Service desk.

Development Environment: Asp.Net 3.5, C#,VB 3.5, Entity Framework, Visual Studio 2008, Tortoise SVN, Microsoft Enterprise Library 4.1, Agile development, JavaScript, Ajax, JQuery, LINQ, SQL Server 2008, SSRS, IIS,

Systems Developer
True Potential LLP ; Newcastle upon Tyne, UK; Financial Service Industry
November 2009 - September 2010 (6 months + 4 months extension)

Responsibilities
- Work within the development team of 5 to design, develop and support of financial systems/services, from Processing of Commissions, charges/credits, Reporting, Document Management, Contact Management, Compliance monitoring to providing Real time valuation and supporting back office systems.
- Development of new version of True Potential Wealth Management-IFA Online software (using **Telerik** ASP.Net Ajax Controls - .Net Framework 4.0).
- Creation of pluggable web interfaces/Widgets (e.g. KPI's, Announcements, Financial information feeds, Favourite Links, which can be personalized) and integrate into True Potential Web based system.
- Development of technical solutions accessing SQL Server backend used by In-House operations team. Development of True Potential Real Time Valuation system (Backend Application) that provides real time valuations (Financial data-Policies, Investments).
- Liaise with external Financial Data Providers(agree to SLA's) for Bulk download of Real time financial information ensuring security, integrate into True Potential Real Time Valuation System using variety of tools and technologies that include FTP, SFTP, SSIS, Web services-downloads, screen scrapping, Bulk SQL Inserts, data mapping, data conversions. Integrate with third party systems to consume Investment/Policy Data feeds.

Development Environment: Asp.Net 3.5, VB (3.5 & .Net 4.0 Framework) Visual Studio 2010, Tortoise SVN, MS Unit Testing, Telerik ASP.Net Ajax Controls, JavaScript, JQuery, XML, XSLT, LINQ, Fusion

chart controls, Web Services, SQL Server 2005, ADO.NET Entity Framework, WCF, FTP, SFTP, Win SCP, ABCPDF.NET 6.0, IIS 7

Software Developer

Exensys Software Solutions Ltd; Hyderabad, India; Software development Industry
October 2006 to September 2008 (2 years -Permanent Position)

Roles and Responsibilities
C#.Net Development
- Design and Development of Exensys Business Intelligence Suite (Web based) which is an integral module of Exensys ERP.
  (http://www.exensys.com/Portals/0/DigitalAssetsFlipFlashBook/StrategicBusiness_eXBISBrochure/eXBISBrochure.html,
  http://www.exensys.com/Portals/0/DigitalAssetsFlipFlashBook/StrategicBusiness_eXBISBrochure/eXBISBrochure.html)
- Accountable for enhancing the Exensys Reporting Engine, to support for generating Multi Dimensional reports, incorporate Charts, Barcode feature, support for different data sources that include MYSQL, MS Access, Oracle 9i and OLAP Databases.
- Development of Enterprise level Business logic layers following Component based architecture for Exensys ERP modules – Trading, Manufacturing, Retail and HR among others.
- Resolve bugs raised by testing team and writing technical documentation.

Business Intelligence Development (Client- ACALMAR Oils & Fats Limited-Hyderabad, India)

- Main Responsibilities involve delivering Business Intelligence through Microsoft BI Stack and SharePoint 2007.
- Gather Report requirements, Designed and Implement SQL reports in large volumes using SQL Server 2005 (SSIS and SSRS).
- Work with different Data sources (OLAP & RDBMS) pull data and generate interactive Dashboards according to client specific requirements.
- Developed and Deployed OLAP Cubes, Calculated Measures, and Key Performance Indicators using Microsoft Business Intelligence Development Studio.
- Developed Ad – hoc Multidimensional (SSRS) Reports using MDX queries.

Development Environment: C# .Net Framework 2.0, Asp.net 2.0, JavaScript, Ajax, XML, XSLT, Visual Studio 2005-Team Foundation Server, Infragistics UI controls, Fusion chart controls, SQL Server 2000, 2005, Oracle 9i, MS Access, Microsoft Business Intelligence (SSAS & SSRS), SharePoint 2007 , IIS

Education

Oct 2008 - Oct 2009 Master's degree in Computer Science
                    Northumbria University, Newcastle Upon Tyne, UK.
Jul 2002 - Mar 2005   Bachelors degree in Electronic Communications and Computers
                    Acharya Nagarjuna University, India.

Professional Training and Qualifications

Microsoft Certifications
 536 TS: Microsoft® .NET Framework - Application Development Foundation.
 528 TS: Microsoft® .NET Framework 2.0 - Web-based Client Development.
 445 TS: Microsoft® SQL Server 2005 Business Intelligence– Development.

References, work related links available up on request.