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Career Summary:

- Over 12+ year's experience in IT Industry as a Software Development in analysis, design, development, debugging, documentation, and maintenance of Windows and Web applications using Object-Oriented concepts and portfolio management.
- Over 12 and half year of proven experience of developing business applications using **Microsoft C#, ADO.NET, Web Services(ASMX), ASP.NET, MVC, AJAX, WPF, Silverlight, Windows Phone, Windows 8 RT Metro Apps.**
- 5 year's experience in developing telco grade **SIP** calling and rich media **XMPP** messaging apps in **iOS** with backend support.
- Windows Phone and Windows 8 RT Design Expertise Based on Metro Design Methodologies.
- Experience in developing data-driven n-tier enterprise applications.
- Experienced working with Visual Source Safe.
- SQL programming experience, wrote back-end Procedures, Functions, Triggers and familiar with query optimization techniques.
- Experience integrating open source tools and libraries in the .NET application project.
- Experienced in programming applications in the MS.NET software development environment using C#, ASP.NET, ADO.NET, T-SQL, JavaScript, XHTML, XML and related technologies.
- Experience with software engineering methodologies including Waterfall and Agile development framework.
- Development experience with .NET Windows, Web Applications and Web Services.
- Strong relational database concepts using **MS SQL-Server 2000/2005/2008R2/2012.**
- Experience in implementing reporting using Crystal and Microsoft Reports.
- Possess excellent analytical and problem-solving skills with ability to communicate effectively at all levels of development process.
- Best expertise in .Net Core/ASP.NET 4.5/4.0/3.5 / 2.0, C#, **Web Forms**, .NET Framework, SQL Server (**T-SQL, Stored Proc**), **UML**, usability.
- Skilled in **XML/XSLT, XML Web Services, HTML/DHTML, CSS, JavaScript, JQuery, Node JS, Angular JS, OOP, JQuery** SourceSafe, Team Foundation Server, **Azure, AWS, Micro services, Dockers, Pipelines, CI, SVN**, and more.

Technological Abilities & Skills:

Programming Languages:	Microsoft C# (.NET Framework 4.5, 4.0, 3.5, 2.0), C++ , Objective C
RDBMS and related:	Microsoft SQL Server 2012,2008,2005 and 2000
Windows Technologies:	Web Services, XML / XSLT
Web & Application Servers:	IIS 8.0/7.0/6.0
Data Access Technologies:	ADO .NET , ActiveX Data Object (ADO), Data Access Object (DAO), OLEDB
Operating Systems:	Windows Server 2012/Windows 10/Macintosh & Linux
Development:	Visual Studio .NET 2015, XCode 8.1, SQL Server 2014/2012/2008/2005 , Team Foundation Server, Blend Studio
Others:	Java Script, VBScript, CSS, HTML/ DHTML, UML, Microsoft Word, Microsoft Excel, Microsoft Power Point, OOD / OOP /Experienced with Microsoft team foundation server (TFS), Agile Scrum Methodology.

Education:

- Masters in Computer Sciences

Certifications:

- **(MCTS)** Windows Phone Pro Application Development and Design
- **(MCP)** Programming in HTML5 with JavaScript and CSS3

Achievements:

- Awarded **MVP (Microsoft Most Valuable Professional)** by Microsoft for 2017 ([MVP Profile](#))
- Awarded **MVP (Microsoft Most Valuable Professional)** by Microsoft for 2016
- Awarded **MVP (Microsoft Most Valuable Professional)** by Microsoft for 2015
- Awarded **MVP (Microsoft Most Valuable Professional)** by Microsoft for 2014
- Awarded by Microsoft Pakistan for Key Community Speaker of 2013.
- Innovation Award of 2012 from Vopium A/S
- Key Windows Phone trainer for Microsoft Innovation Center Lahore.

Professional Experience:**IRISNDT, Calgary Canada****Nov 2018 to Date****Projects:** MT Mobile, MARS, Crew, Walkdown**Role: Full Stack Developer**

Project Details: IRISNDT is Canada based company having multiple offices in Canada, USA, UK and AUS. IRISNDT provides different services to Oil & Gas companies like NDT and Software Systems. I have worked on multiple software solutions which are being used on multiple sites in different countries to manage the crew, gather the data and make reports based on that data.

Responsibilities:

- Integration between different systems
- APIs for client apps
- Develop Client app written in Xamarin forms for UWP & iOS
- Production Support
- Write unit and test cases
- Write new pipeline on ADO for deployment on sandbox and production environment.

Environment: VS2019, SSMS, .NET Core, UWP, Xamarin Forms**Vopium A/S, Copenhagen Denmark****Apr 2012 to Jul 2018****Project:** Coinify**Role: Lead Node Developer**

Project Details: Coinify is Denmark based cryptocurrency broker-based service provider where user can buy and sell different type of cryptocurrencies by using his credit/debit card or via bank transfer. I have to integrate new PSP Safe Charge for them because the earlier PSP is having high fraud rate and chargeback and also, I need to write risk engine for all the transactions.

Responsibilities:

- Write new node module for SafeCharge
- Make new microservice for trade
- Integrate this service in existing solution
- Write new front-end component in webpack and amber
- Write unit and test cases
- Write new pipeline on Bitbucket for deployment on sandbox and production environment.

Environment: VSCode, Node JS, Amber, Sequelize, WebPacks, Pipelines, Mocha, Chai

Project: Vopium Pay iOS App (<https://goo.gl/N1yvtK>)

Role: Lead Developer

Project Details: Vopium A/S is Denmark based company and it have one product of remittance that is called Vopium Pay. Vopium Pay is used to transfer money between Denmark and Pakistan. App users can receive money directly in bank accounts or cashout from banks in all over Pakistan in more than 10K branches.

Responsibilities:

- Design the structure of app.
- Develop all UI and flows
- Backend services in Node JS
- Payment gateway integration
- NemID integration for KYC
- Banks integration for payouts
- Push notification handling for all stages of order.

Environment: Xcode 8.0, Git, Intercom, SecureTrade, Invision

Project: JetClean iOS App (<https://goo.gl/By1h2R>)

Role: Lead Developer

Project Details: JetClean ApS is Denmark based company and providing dry cleaning services in different cities of Denmark and Sweden. In this app by logging in you can schedule pickup and delivery of your clothes on your desired dates and time of day. User can select items and see its charges of order. You can also all the progress of your order on every step of processing of your order.

Responsibilities:

- Design the structure of app and backend.
- Develop all UI and flows
- Backend services in Node JS
- Payment gateway integration
- Push notification handling for all stages of order.

Environment: Xcode 8.0, Git, Intercom, Altapay, Invision

Project: Vopium Messenger (<https://goo.gl/wOvbGf>)

For: Vopium A/S

Role: Head of Development

Project Details:

Vopium Messenger is messaging and calling app. These are the key features of app.

- Rich Media Communication.
- 1-2-1 and Group Chat.
- SIP2SIP Calls.
- Native contacts integrations.

Responsibilities:

- Manage the Team and assign the task and get all milestones before the deadline.
- Develop Calling Module Using SIP Stack.
- Develop Chat Module Using XMPP.
- App compatibility with all current common IOS versions and devices.
- Backend service and restful APIs in Node JS
- Multi node with load balancer setup on Azure

Environment: Xcode 8.0, Smart SVN

Project: Vopium Windows Phone App

Role: Principal Software Engineer

Project Details: Vopium A/S is Denmark based company and providing calling and messaging services over the globe on very low prices. Vopium A/S already has their apps for all other mobile platform like iOS, Android and Blackberry. Windows phone is new addition to mobile platforms and we created this app to facilitate our Windows Phone user for calling and instant messaging. This app performs calling, instant messaging/Chat and many more other great features.

Responsibilities:

- Develop Vopium windows phone app from scratch
- Development components using Windows Phone SDK 7.1/8.0
- Develop Calling Module Using SIP
- WebAPIs in C# hosted on Azure

Environment: C# 4.0, Windows Phone toolkit, SVN, Silverlight, Windows Phone SDK

Project: Talk2Go (<http://goo.gl/FXkNdE>)

For: TalkTalk Telecom

Role: Principal Software Engineer/ iPhone Lead

Project Details:

TalkTalk is UK third largest telecom and broadband operator. These are the key features of app.

- Talk2Go app brings you all the benefits of your TalkTalk landline straight to your mobile, including any calls included with your plan.
- Avoid expensive international calls.
- When abroad make calls to the UK and receive calls from the UK over Wi-Fi, for the same price as a local UK call.
- Avoid any mobile coverage black spots.
- Call over Wi-Fi so you don't have to battle bad reception areas when indoors.
- Get more from your Calling Boosts
- The low price Calling Boosts you add to your landline will work on the app too.
- Never miss a landline call with Follow Me feature.

Responsibilities:

- Manage the Team and assign the task and get all milestones before the deadline.
- Develop Calling Module Using SIP Stack.
- Develop Chat Module Using XMPP.
- App compatibility with all current common IOS versions and devices.
- User provisioning and billing related micro services on Azure hosted solution

Environment: Xcode 6.0, Smart SVN

Project: Comoyo

Role: Principal Software Engineer/ iPhone Lead

Project Details: Comoyo was calling and messaging app developed for Telenor which is launched in Bangladesh and Pakistan with multilingual support. Comoyo users calls each other for free and exchange rich media messages with each other.

Responsibilities:

- Manage the Team and assign the task and get all milestones before the deadline.
- Develop Calling Module Using SIP Stack.
- Develop Chat Module Using XMPP.
- App compatibility with all current common IOS versions and devices.
- Ejabberd Installation and Maintenance in CentOS with multimode support for failover scenarios
- Restful APIs development and deployment on AWS EC2 and file sharing on S3

Environment: Xcode 7.0, Smart SVN

Project: Tunisia (<http://goo.gl/JsgLhu>)

For: Ooredoo Telecom

Role: Principal Software Engineer

Project Details:

Ooredoo is private telecom company of Tunisia and they are operating with more than 8 Million users and providing telecom services in Tunisia. We have to develop an iPhone application for them that works on VOIP and SIP protocols and uses XMPP for messaging between users.

Responsibilities:

- Manage the Team and Assign the task and get all milestones before the deadline.
- Develop Calling Module Using SIP Stack.
- Develop Chat Module Using XMPP.
- App compatibility with all current common IOS versions and devices.
- Micro services developed in Python

Environment: Xcode 4.0, Smart SVN

Project: Vopium Windows Desktop

Role: Principal Software Engineer

Project Details: Vopium A/S is Denmark based company and providing calling and messaging service over the globe on very low prices. Vopium A/S already has their apps for all other mobile platform like iOS, Android and Blackberry. Vopium desktop app is used for calling and instant messaging service on from Windows desktop machine to any landline or mobile number with cheaper call rates.

Responsibilities:

- Develop Vopium windows Desktop app from scratch
- Development components using WPF, C#
- Develop Calling Module Using SIP

Environment: C# 4.0, SVN, Silverlight, WPF,

2Bvision Technologies, Lahore Pakistan

Aug 2010 to Apr 2012

Project: GroupNotes (<http://www.groupenotes.com>)

For: Bryan Schinder.

Role: Sr. Software Engineer /Team Lead

Industry: Education

Project Details: GroupENotes is basically Book and notes sharing website for students of different colleges and universities of USA that are affiliated with them. User can create different study groups under one subject and college or university. Each Group is assigned with predefined space quota and where they can upload their helping educational stuff and share with their study group members. We are using amazon cloud services to store the data and for backend we are using MySQL that is also hosted on Amazon S3 Cloud services.

Responsibilities:

- Manage the Team and Assign the task and get all milestones before the deadline.
- Client interaction and update him about all development process.
- Development components using C# 4.0
- Involved in Client Side validations using Validation Controls, Java Script and JQuery.
- Implementation of Different Social Networking API's and R&D on that.
- Envisioned and built front-end for the site written in ASP.NET, MS Visual Studio .NET, C#, VB.NET, XML, HTML, DHTML, JQUERY.

Environment: Microsoft ASP.NET4.0, C# 4.0, MYSQL 5.1, JQUERY, AJAX Control toolkit, SVN, Java Script, CSS, IIS 7.0, DevExpress Components

Project: Conferencely

For: SanDeeds LLC.

Role: Sr. Software Engineer /Team Lead

Industry: Social Networking Site

Project Details: Sandeeds LLC is USA based company and they come with an exciting idea that now user can register with our website (Conferencely) and link his/her all social networking account like Facebook, Twitter, LinkedIn, Youtube, Flickr, Scribd, Slideshare, Yelp, Panoramio, Picassa, Foursquare and Gowalla and many more services. We get user Authentication token with OAuth 2.0 and 1.0 and save in our Database. And now user can create its event on our site and it's automatically on all his linked social networking account from our web application with its saved authentication tokens. Actually we do this from our web application on social networking website on user behalf by calling their API's. User Can Upload Picture, Videos, Documents from our application and it's automatically uploaded and updated to all its linked account. We used URL rerouting in our application for friendly SEO of web and ease of user to get their required event. And we used GMAP to draw the event location from attendees home and to draw Tweet map.

Responsibilities:

- Manage the Team and Assign the task and get all milestones before the deadline.
- Client interaction and update him about all development process.
- Development components using C# 4.0
- Created sophisticated SQL Server database to responsively handle complex queries (T-SQL, stored procedures) and .NET data access components
- Involved in Client Side validations using Validation Controls, Java Script and JQuery.
- Implementation of Different Social Networking API's and R&D on that.
- Implemented business logic as .NET Framework assemblies (C#, VB.NET),
- Envisioned and built front-end for the site written in ASP.NET, MS Visual Studio .NET, C#, VB.NET, XML, VBScript, HTML, DHTML, JQUERY.

Environment: Microsoft ASP.NET4.0, C# 4.0, SQL Server 2008, JQUERY, AJAX Control toolkit, SVN, Java Script, CSS, IIS 7.0, Data Access Enterprise Library, DevExpress Components

Project: BancoLeon CRM

For: BancoLeon.

Role: Sr. Software Engineer

Industry: Banking Call Center CRM

Project Details: BancoLeon is Spanish bank and they have call center to call their customers for new promotions and offers so we made CRM for their call center and their admin load the leads on daily basis in their system and our system directly assign the leads to relevant CSR and they do update status according to sales promotion of campaign in which customer resides. Reporting on three levels (Admins, Managers and Users). This CRM Runs on Intranet and do the Authentication with Active Directory and LDAP and assign the rules according to permission level in groups.

Responsibilities:

- Client interaction and update him about all development process.
- Development components using C# 4.0
- Created sophisticated SQL Server database to responsively handle complex queries (T-SQL, stored procedures) and .NET data access components
- Involved in Client Side validations using Validation Controls, Java Script and JQuery.
- Implemented business logic as .NET Framework assemblies (C#)
- Envisioned and built front-end for the site written in ASP.NET, MS Visual Studio .NET, C#, VB.NET, XML, HTML, DHTML, JQUERY.

Environment: Microsoft ASP.NET4.0, C# 4.0, SQL Server 2008, JQUERY, AJAX Control toolkit, SVN, Java Script, CSS, IIS 7.0, Data Access Enterprise Library

Project: Reliant Rehabilitation (www.reliant-rehab.com)

For: Andrew Taylor

Role: Team Lead

Industry: Medical /CRM

Project Details: Reliant Rehabilitation is a leading provider of rehabilitation management services - providing programs to Acute Care Hospitals, Skilled Nursing Facilities, Sub acute Facilities, LTACHs, Rehab Hospitals, and CCRCs across the United States. We created the whole web and its client and Employee section of this portal.

Responsibilities:

- Manage the Team and Assign the task and get all milestones before the deadline.
- Client interaction and update him about all development process.
- Involved in analysis and design of Role based Security model including assign role to users, managing role rights.
- Development components using C#.
- Created data access layer purely in LINQ.
- Used ADO.Net for database operations and manipulations.
- Features like Dataset, Data Reader and Data Adapter used to develop a Data Access Layer Using ADO.NET.
- Created sophisticated SQL Server database to responsively handle complex queries (T-SQL stored procedures) and .NET data access components
- Involved in Client Side validations using Validation Controls, Java Script.

Environment: Microsoft ASP.NET 4.0, C#, Team foundation server 2008,SQL Server 2008, AJAX Control toolkit, Java Script, JQUERY

Project: Quint ERP (<https://ges.quintgroup.com>)

For: Quint Wellington Group, NL

Role: Sr. Software Engineer

Industry: Consultancy

Project Details: Quint Consulting is an independent consulting firm dedicated to resolving IT-related organizational challenges. Operating in more than 49 countries across the globe. In this project, we need to work with IT Team of quint group that is based in Malaysia and we need to develop major modules of this ERP like expense Module, Hours Module, Trainer Portal Module, Consultancy Module and Invoicing Module. We also implement the LDAP active directory authentication. And module permission on the basis group of active directory. For custom pdf creation in invoicing module we used Itextsharp library.

Responsibilities

- Involved in the development of Analysis and code behind files using C#.
- Development components using C#.
- Worked on PDF generation of invoice with Itextsharp.
- Used **ADO.Net** for database operations and manipulations.
- Features like Dataset, Data Reader and Data Adapter used to develop a Data Access Layer Using ADO.NET.
- Creating Stored Procedures.
- Involved in GUI design and development using C#.
- Involved in Reports generation for property reports for management using Crystal Reports.

Environment: Microsoft C#,asp.net, EOWeb Tools, Crystal Reports 10, SQL Server 2005, Jquery, AJAX , IIS 6.0

SigmaTec Solutions, Lahore Pakistan

Jun 2009 to Aug 2010

Project: Microsoft Accessibility (<http://www.microsoft.com/enable>)

For: Microsoft

Role: Software Engineer

Industry: IT

Project Details: A challenging project of revamping a Microsoft portal into a brand new look and style with compliance to web accessibility standards and tools. This Microsoft module is basically developed for deaf and dumb peoples. And our developed module

is compatible with all Accessibility tools like Windows Eye, Zoom Text, Dragon Natural Speaking and other speech recognition tools. This project is totally developed in ASP.NET, C#, AJAX, XML, XSL and XHTML.

Role and Responsibilities:

- Migrate existing ASP.Net 2.0 applications to ASP.Net 3.5.
- Design responsive and intuitive user interfaces for the web using XHTML/CSS and both custom AJAX scripts as well as MS AJAX for ASP.Net library.
- Developed application using C#, ASP.
- Coordinated architecture improvement, code modernization.
- Participated in technical discussion with Front end and Back end with team leads.
- Database design and development
- Worked for compatibility with all accessibility tools.
- Worked with UI Team for cross browsers issues Problems.

Environment: .NET C#, ASP.Net, Java Script, XML, XSLT, XHTML, CSS, Internet Information Server, Visual Source Safe

Project: Microsoft Office 2010 Promo Site (<http://www.microsoft.com/office/promo>)

For: Microsoft

Role: Software Engineer

Project Details: A project of creating Microsoft Office 2010's promotional page in 38 international languages. And rewrite the URL in the browser. This project is totally developed in ASP.NET and C#.

Role and Responsibilities:

- Developed application using C# 3.5, ASP.NET 3.5.
- Multi-lingual implementation with localization and resources.
- URL rewriting with IIS 7.0 rewrite mode component.

Environment: .NET C#, ASP.Net, Internet Information Server, MS Office Products, Windows 2003 Server, Visual Source Safe, **URL Rewrite Mod**

Project: Basediary (<http://www.basediary.co.nz>)

For: Stefan Korn

Role: Software Engineer

Project Details: Basediary is web based online dental practice administration. In which different doctors in New Zealand and Australia get registered with that site and manage their patient's records. And get online request appointment for Checkups.

Role and Responsibilities:

- Participated in technical discussion with Front end and Back end with team leads.
- Migrate existing php applications to ASP.Net 3.5.
- Developed application using C#, ASP.
- Coordinated architecture improvement, code modernization.
- Database design and development
- Worked for compatibility with all accessibility tools.

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