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Summary

Over 10 years of experience in designing, developing, implementing and testing enterprise applications and software solutions using .Net technologies
Good knowledge on software development and object oriented programming principles and design patterns.

Experienced in programming with .NET associated technologies including ASP.Net, ASP.Net Core, WPF,WCF,Entity Framework, Silverlight,
Experienced in developing client side applications using UI/WEB2.0 and client side technologies, libraries and frameworks such as javascript, html, css, jquery, Dojo and Angular.

Experienced in development of GIS application using the ArcGIS platform(ArcObject,ArcGisJavaScripApi,ArcgisSDK .net, Android and Arcpy)
Experienced in development and administration of ArcGis both WebGis and MobileGis

Experienced in ArcObject and ArcPy technologies

Familiar with Dynamic Crm 365 ,and Sharepoint

Experienced in relational databases (SqlServer and Sqlite)

Experienced in version control systems like git and TFS.

Good Communication, interpersonal and problem solving skills

Well focused and can meet the expected deadlines

Well English language skills

Professional Work Experience

Ahvaz Water Waste and Water Co . <https://aww.co.ir/> (May 2013-Now)- consultant and remote developer

a WebGIS application used for viewing and analysis in The Ahvaz Water Waste Water Co

Responsibilities:

Analyzing ,Developing and maintenance of Application

Features and Technologies :

Using Asp.net as Server side technology

Using Entity Framework for accessing to the SQLServer

Using ArcPy to create WPS Services such as exporting shapefile from arcgis based on AOI(area of interest).

Using SqlServer for creating StoredProcedure such as Spatial Query on Layers

Using Dojo and JQuery in client side for UI

Using ArcGisFor Server for serving WMS,WFS and WPS services

Using ArcObject creating WPS Services such as Trace Geometric Network and etc.

Using asp.net Identity as membership system

a Mobile WebGIS application used for Collecting Data about Customers as GIS Data in The Ahvaz Water Waste Water Co

Responsibilities:

Analyzing ,Developing and maintenance of Application

Features and Technologies :

Using Asp.net as Server side technology

Using Entity Framework for accessing to The SQLServer

Using SqlServer for Storing And Retrieving Data

Using Android Studio as IDE, java and Sqlite

Using ArcGIS Sdk For Android

a Windows application as an extension For Arcmap functionality

Responsibilities:

Analyzing ,Developing and maintenance of Application

Features and Technologies :

Using ArcObject technology

Using Ado.net

Using SqlServer for Storing And Retrieving Data

Using Telerik

Connecting to membership system for Authentication and Authorization

Add some tools such as add google map to arc map , save Current MXD, Editor for features , log system for edits and Editors , implementing versioning system and etc

Mahna <https://mahnagroup.com/> (May 2015-Now)- software engineer.GIS and .Net developer (part time developer)

The gateway: a WebGIS application used for viewing and analysis in Power Distribution Company in Tehran

Responsibilities:

Analyzing ,Developing and maintenance of Application

Features and Technologies :

Using Asp.net as Server side technology

Using Entity Framework for accessing to The SQLServer

Using the ArcPy technology to create WPS Services such as Exporting .shapefile from arcgis Based on AOI(area of interest) and etc.

Using SqlServer for creating StoredProcedure such as Spatial Query on Layers

Using Dojo and Jquery in client side for UI
Using ArcGisFor Server for serving WMS,WFS and WPS services
Using ArcObject creating WPS Services such as Trace Geometric Network and etc.
Using Leaflet.js as a light library in such situations for example for loading maps in The Windows Form APP and etc.
Developing an Extension for ArcMap with some functionality

**Tazarv- <http://www.tazarv.com/?lang=en>-(May 2010 – May 2013)- WCF & WPF developer
and At Now i work with this company as a consultant**

WPF WorkFlow Designer: 2010- 2013

Responsibilities:

implementing a WPF application that can draw the flow of BPMS application and save it as XML file ..and the next we will have to use this xml to execute the steps of workflow..it is based of the WF and WCF

Features and Technologies :

MVVM....mvvm light .WCF and WCF extend

Add Gis Functionality or PM(Maintenance and Support) application for Power Distribution Company- as remote developer

Responsibilities:

Show and load WMS services that are published from The Arcgis server and the GeoServer .
Getting token for secure layer in wpf from arcgis for server
Showing the avl data that has been received from GPS on vehicles
Add clustering functionality to Arcgis Runtime sdk for .net
Clustering 1000 pint in wpf application
Load wpf application in windows form APP
Draw and save object o on the map in wpf ad a geofence in GIS
Saving data in proper spatialService in sql for showing in android by RestFull Services.

Features and Technologies :

Esri Arcgis runtime sdk
wpf
xaml
loading and showing wms services that are published from the GeoServer

**FazaZemin- <https://www.farazamin.com/index.php/fa/>-(May 2010 – May 2013)-
consultant and Remote Developer**

WebGIS application for The Mazandaran Water Waste Water Co : 2018- 2019

Responsibilities:

implementing a webgis for displaying and analysis the gis data on web by using of arcgis platform .This project has some functionality such as basic tools,geometric trace and show result , Advance Search,GeoSpatial Search and etc.

Features and Technologies ::

Asp.Net MVC 5
EF
SqlServer
Asp.Net Identity 2
ArcPy
arcgis for server
arcgis javascript api

**Ministry Of Agricultural Jihad - Omran Tosee CO-
consultant and Remote Developer**

a Mobile and WebGIS application used for Collecting Data about Agricultural Land
Cadastre Project for the Ministry Of Agriculture Jihad

Responsibilities:

implementing a webgis , Arcmap Extension and a mobile gis for collecting ,syncing , and validating collected data using arcgis platform

Features and Technologies :

Using Asp.net as Server side technology
Using Entity Framework for accessing to The SQLServer
Using SqlServer for Storing And Retrieving Data
Using Android Studio as IDE , java and Sql Lite
Using the Versioning System of arcgis on the server side
Using ArcGIS Sdk For Android
Logging Users who created in web gis
downloading and caching google map as tile layer
Use offline geodatabase(.geodatabase)
add the Snap Functionality for drawing polygons
Syncing added Items to server
Edit Attributes of Polygons
Report about the users Activity such as number of collected field
show any added item in webgis after the Gis Admin Confirmation

Education, certificates and related courses:

Payame Noor University- B.S. in computer software engineering, <http://pnu.ac.ir>

Areas of Interest

Software architectures particularly distributed systems and microservice
GIS
ArcGIS
Dynamic CRM and Sharepoint
teaching Programming
and football