***TODIAN PAVLI THEODORA MISHTAKU***

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SUMMARY

A dynamic Senior Software Engineer with 6 years+ of industry experience. Expert in a variety of platforms and languages including *.Net,C#, Java, ASP.NET (MVC, WebForms),*Web API 1.0/2.0, *WPF, Windows Forms,WCF, C++ (inc. CLI), C , database development* ,etc. I have been working with C# and other Microsoft technologies since 2006. Proficient in *JavaScript, HTML5, CSS,Angular,js, JQuery* framework etc. I have travelled to various locations such as in the USA and Europe to participate in engineering meetings, participate in workshops with potential clients as well as training sessions with firms such as Agosto which is a Google Premier Partner and Cloud product development company based in USA.

I have also good knowledge in AI like Neural Networks, Bayesian Networks, Resolution, HOL, Utility Theory etc.

My breadth of experience has allowed me to progress and develop the following skills::

* Managing requirements
* Setting priorities
* Engineering web or desktop development, all layers, from database to services to user interfaces
* Analysis and design of databases and user interfaces
* Implementing software development life cycle policies and procedures
* Gaining strong analytical skills and being a level headed problem solver
* Managing and supporting multiple demanding projects alone or as team

EDUACTION

**Oxford Brooks University 2010 – 2011 , MSc** in the field of E-Business with strong academic results.

Among 7 modules, 4 of them have been graded with Distinction and 3 others with Merit.

**Warsaw University of Technology, Faculty of Mathematics and Information Science 2006-2010, BSc** in Computer Science with very strong academic results. Multiple modules graded with the highest grade and some scoring more than 100%. Engineering studies has been characterized by a strong mathematical basis and various practical tasks and projects from the realm of programming. Please refer to ACADEMIC INVENTORY section for more details.

**Alldemi High school 2001-2005**  with excellent academic results.

WORK EXPERIENCE

**CitySync Ltd July 2015 -December 2016 (as part of TagMaster AB)**

*CitySync* is a world leader in the ANPR technologies market. Based in the UK the CitySync Recognition Engine

is the most accurate engine available and is supplemented by a range of fixed and mobile ANPR cameras. CitySync has also developed a set of analytics for parking / access control systems and a Back Office for Police applications. During my time at CitySync, I was involved in the below high profile projects:

* Setup tool for intelligent cameras – writing from scratch in a team of 4 people using C#,**ASP.NET MVC 5.**
* Backoffice which gathers large amount of data, 3,000,000 incoming from cameras events per day (text +pictures), presents them live and offers analytical tools. I made BOF to work stable and met the high performance requirement specified. Generally, I had to deal with implementing new features, database development, performance issues, bug fixing, deployment(NSIS) and complete a transition from version which supported only **MySQl** to a version which in addition supports **MSSQL 2012**. Technology used: **Java EE, Glassfish 3.2.1.1, JPA, EJB, GWT, Eclipselink, JQPL, JNI, JNDI, JSNI, Ant, Junit, NSIS, Javscript, Angular.js, MySQL, MSSQL** **2012**.

**CitySync Ltd August 2013-July 2015 (as part of Image Sensing Systems)**

Image Sensing Systems, ISS with headquarter in USA provides detection products for intelligent transportation systems, such as video detection and radar image processing detection. During this time I worked on a project which covered traffic data collection, video and radar detection. The software I had been working on was composed of several different applications and encompassed a wide range of software technologies listed as following.

* Web Client Application dealing with data analysis - Initially several distinct websites in **ASP.NET MVC 3 and Webforms**. Then I ported them to a common new ASP.Net **MVC 5** + **dynatree.js, javascript, jQuery, jqtouch, bootstrap**.
* Desktop Client Application dealing with configuration of sensors-**WPF**
* Database Schema Installation -**Windows Forms**
* Simulator + other Testing Tools -**Windows Forms**
* Configuartion Tool (Database create, delete, restore, backup ,switch from mysql to Sql Server) -**WPF**
* Installer -Advanced Installer 10-11.X
* Sensor 's Protocol implementation- **C++ CLI** and standard **C++**
* **WCF** was used to pull data from radar and to expose them to the client
* The software worked with **MySQL** and different versions of **Microsoft SQL Server**.
* A lot of **LINQ**

**March 2013 –June 2013 Gingermonkeys Creative Ltd**

As a .Net developer I had to develop new modules for existing ASP.Net sites written in c# (mostly) and VB.net using VS 2012 . Day-to-day work included the maintenance of over 100 retailer sites which resided on Windows Server 2003, Windows Server 2008 and Windows Server 2012 .A significant part of the sites were written in Umbraco, therefore a lot of work was related with CMS. I had also to make the transition of very large data from MSSQL Server 2005 to MSSQL Server 2008 or MSSQL Server 2012. Additionally I have developed cross-platform smartphone apps modules using PHP, Html5, JavaScript, CSS3, jQuery, jQTouch and PhoneGap. WebMatrix was used as IDE.

**June 2012-March 2013 Smart TV**

Everyday tasks included improvements to the live-dealer gaming system which was composed of a large number of Asp.net projects including CRM program as well as bug fixing. Parts pf tasks were related with UMBRACO and .net User Controls. Deployment to different server stages (local ,stage, beta,production) was a duty I fulfilled as a stage of SCRUM environment. VS 2012 and TFS 2012 were also tools I used.

**Dec 2010 – May 2012 O'Wodner**

I had to write apps using Google Maps API and technologies such as .Net, Java, PHP,css3, Javascript, jQuery, Linux.

TECHNICAL SKILLS

* C# 6, .NET Framework 3/3.5/4.0/4.5 ,WF, WPF, Silverlight 4, Windows Forms, (since 2006, developed 2D & 3D games) , NUnit 3, Moq 4.5
* Web API 1.0/2.0, ASP.NET WebForms / MVC 3,4,5, ADO.NET Entity Framework 3.5/4/5/6, LINQ, DirectX, WMI, CAD/CAM
* Windows API, C, C++, C++ CLI, RIA, Telerik Controls, Custom .Net controls,COM,Browser Add-On
* MySQL, MSSQL 2005/.../2012, MS Access .Oracle, SQLite, Oracle
* CSS3, HTML 4/5-canvas, XML, JSON, XHTML, DHTML, Mobile PhoneGap(Cordova) , XSLT, SGML
* Javscript, Angular.js, Jquery, Jqtouch, JavaServlet, Applet, SWT ,Swing, Xpath , WebKit
* Java EE, JPA, EJB, GWT, Eclipselink, JQPL, JNI, JNDI, JSNI, Ant, Junit, NSIS
* IIS 5.0-8 , Web Deploy, Appache, Xampp, Glassfish 3.2.1.1
* WCF, WSDL, SOAP, RIA, REST, FTP ,HTTP, SMTP, WebSocket, TCP/IP,UDP
* PHP 4.0/5.0 , SimpleXML, ZendFramework(MVC), Semantic Web, RDF,RSS, UML, CGI, Batch,Perl
* QBasic, Visual Basic, Turbo Pascal, Free Pascal, Delphi, AJAX,Assembler
* Ubuntu, Linux , Unix programming, VMware, VM VirtualBox
* Google Cloud Platform, GoogleAppEngine, Google Maps API, Python
* Visual Studio 2005...2015, Eclipse Juno/Kepler/Luna/Mars/Neon, IntelliJ, Netbean,WebMatrix

LANGUAGES

Polish-Fluent | English-Fluent | Italian-Fluent | Greek-Beginner | Spanish-Beginner

INTERESTS

Gym, Maths, Artificial Intelligence,Machine Learning, BigData, NLP

History – Interested in the evolution of human society as well as learning and exposing myself to different cultures in order to understand people originating from different countries.

I have won several national awards including the Olympiads of Informatics and Physics, and have participated in the international Olympiads of Informatics where I achieved honorific awards. I was also chairman of the Students Senate of my high school during the last year of studies.

ACADEMIC INVENTORY

* Numeric Methods ( 1 year, Mark 114 out of 100 scores )
* Discrete Mathematics including Graph Theory (1,5 years, Grade 4.5 out 5)
* Electronics | Data Transmission | Digital Equipment Construction(Grade: 5 out of 5)
* Automata Theory and Languages | Translation Methods(Interpretation, Compilation, Incremental Compilation)
* Algorithms and Computability | Calculus (1 year, Mark: 105 out of 100 )
* Linear Algebra with Geometry (Grade: 5 out of 5)
* Probability and Statistics (Mark: 60 out of 60) | Theory of Free-Market Economy
* **BSc final project:** Website based on Silverlight for the management of users’ investment portfolios. Developed with two other students Hubert Tywanek and Arek Wojcik. My role was to design and implement technical analysis module . Technology used:C#, Silverlight 4,VS 2010.
* **MSc project:** Develop an advisor that would help secure a client and a server for online banking. Individual project developed in Windows Forms C# for Client and Java for Server-Linux

REFERENCES

**AVAILABLE UPON REQUEST**