Personal Data

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Profile

I have worked mostly with the .NET framework and C#. Delivered products using specially customized Windows Forms multiclient GUI software for medical clinics. Designed and maintained relational databases mostly with MSSQL. I examined customer's workflows and understood their demands and requirements to accommodate their needs both for web and desktop applications. In different situations, I worked with multiple languages at the same time ranging from Java/C#/PHP/JavaScript/HTML/CSS/SQL and frameworks from Laravel/ASP.NET/Bootstrap/JQuery/AngularJS/Symphony as a full stack developer. Designed complex software infrastructures by integrating different third-party software applications with each other. I have -on occasion- worked without supervision successfully. I believe that these skills and experiences will allow me to complete a larger scale project effectively.

Lately, I have been studying Vue/Quasar/Firestore frameworks and tools to satisfy my curiosity about what is going on lately in modern web development. I find these new approaches to web development very intuitive and efficient.

Motivation for assignment

As a fast learner and self-taught developer, I love taking up a good challenge. I truly enjoy learning and mastering new and exciting technologies; and looking forward to work in an environment where I can achieve this. The knowledge I have for different programming languages and frameworks helps me find solutions to a wide variety of problems. I possess a powerful commitment to the task at hand, a drive for excellence in the long term, hence delivering high-quality products that will fulfill your needs perfectly. Because of these skills, I can finish tasks with quality code in no time after just a couple of days of orienteering. I will use my past experiences to make sure the product delivered will be maintainable, sustainable and easily understandable in the long term. I take pride in understanding and designing software architecture with a complex data structure.

Additional remarks

In my humble opinion, a strong argumentative reasoning capacity in a team-oriented problem-solving organization has utmost importance, since it improves both creativity and productivity. I believe I possess a scientific mind that questions everything, seeks answers and explanations which helps me define and solve problems beforehand that might become huge problems in the future. I enjoy observing, evidence gathering, reasoning and experimenting like a proper scientist. Even though I have been out of the workforce from time to time; I have never been idle, always educating myself on new technologies and tools and experimenting with them. As a very active software consumer, I am well aware of the importance of prompt, attentive service and --painfully aware-- that is rare these days. I present a positive, result-oriented and a very strong work ethic with a highly professional demeanor. I can accommodate flexible work hours and I can work with people from a diverse cultural background. Because I rarely take sick days, you can count on adding a very reliable worker to your development team.

Git version-control system gained a very special place to my heart that makes me feel like if given chance I can become a Git Master since I learned and understood how it works even though I sadly lack experience. The same applies to both Machine Learning and Functional Programming paradigms.

SKILL SET

Languages		Frameworks		Tools		IDEs	
C#	D	.NET	D	Git	B	Visual Studio	C
JavaScript	C	MVC / WF ASP.NET	B	Gitlab	B	Notepad++	C
SQL	C	Laravel 5.2	B	Github	B	Netbeans	A
PHP	C	MVC / WF ASP.NET	B	IIS / Apache	B	Eclipse	A
Python	B	JQuery	B	MySQL / MSSQL	B	Sharp / Mono Develop	A
HTML/CSS	B	Bootstrap	B	Azure DevOps	A	Delphi 7 / XE2	A
FORTRAN	B	AngularJS	A	Windows	C		
Object Pascal	B	Symphony	A	Debian Distros	B	**Methods**	
Java	A	Vue	C	Libre / Mic. Office	A	Agile/Scrum	A
Scala	A	Quasar	C	Octave	A	Github Flow	A
Standard ML	A	LLBLGen Pro	A	MATLAB	A	Issue Tracking	B
Basic	D	Delphi / DevExpress	A	Firestore	A		

(A = Comprehension/Some Experience, B = Skilled, C = Influence, D = Expert)

EDUCATION AND TRAINING

Category	Education / Training	Year	Certificate
Education	Chemical Engineering, Bachelor's Degree, Gazi University	2008	Yes
Training	Stanford University Algorithms: Design and Analysis, Part 1, coursera.org	2014	Yes
	Stanford University Algorithms: Design and Analysis, Part 2, coursera.org	2014	Yes
	Rice University Principles Of Computing, coursera.org	2014	Yes
	École Polytechnique Functional Programming Principles in Scala, coursera.org	2014	Yes
	Rice Uni. Introduction to Interactive Programming in Python, coursera.org	2013	Yes
	Stanford University Introduction to Databases, coursera.org	2011	
	Stanford University Machine Learning, coursera.org	2011	

WORKING EXPERIENCE

Period	Oct 2018 – Apr 2019
Client	BilgeAdam Technologies and -Outsourced to- UNITEKS
Role	C# .NET Telerik WebForms ASP SQL LLBLGen Pro -Full Stack- Developer
Project	In House ERP System

Situation:
Largest textile exporting company UNITEKS has been developing the in house 'Trip' application for their unique workflow for more than 5 years. I was hired to deliver very demanding and very complex modules as fast as humanly possible without any kind of delay.

Tasks / activities:
• Development, testing, debugging and deployment to Dev, Test and Production IIS Servers;
• Developing highly complex web pages with WebForms using C#, Telerik ASP.NET, and JavaScript;
• Designing, optimizing and developing MSSQL tables and procedures with LLBLGen Pro.

Results:
In a couple of days, I directly started to commit code to Azure repositories without prior experience of Telerik framework and Azure DevOps and very limited experience with WebForms and JavaScript. After a couple of weeks, I was tasked to deliver a very complex profit/loss analyses module which I successfully completed under two months. Since proving my competency and adapting rapidly, management has been tasking me as I was a regular.

Environment	
Methods	Agile/Scrum, Issue tracking
Tooling & Techniques	Azure DevOps, Visual Studio, SSMS
Competences	OOP, ORM, Optimization

Period	Jun 2018 – Oct 2018
Client	Hotel Management Software Company
Role	Delphi 7/XE2 MySQL Desktop Developer
Project	Hotel Management Software

Situation:
Since Delphi developers are rare and hard to find this company hired me to keep developing their more than 10 years old commercial Hotel Management Software. I have been hired without any prior knowledge or any experience with Delphi and DevExpress.

Tasks / activities:
• Learning a new framework and a new language;
• Debugging and fixing of very old and hard to find/fix ongoing bugs;
• Debugging and bug fixing MySQL queries.

Results:
Under two months after learning Object Pascal -admittedly with a very rusty Pascal background- I started to commit bugfixes using newly acquired knowledge of Delphi 7 and XE2 IDE and DevExpress Framework.

Environment	
Methods	GitHub Flow, Issue tracking
Tooling & Techniques	Delphi 7/XE2, DevExpress, GitLab, MySQL
Competences	Git Management

Period	Sep 2016 – Oct 2018
Client	Various
Role	Freelance Web Developer
Project	Mostly Client Side HTML/CSS/JavaScript Development

Situation:
While freelancing most of the time situation changes rapidly. Different clients needed different solutions in different environments. Using whatever tools necessary I needed to adapt to every problem encountered.

Tasks / activities:
• Development of static web sites for small to medium-sized companies by using HTML, CSS and JavaScript technologies;
• Deploying, moving, development and maintenance of dynamic sites using Wordpress, phpMyAdmin, cPanel and MySQL technologies;
• Gmail suite support and setup;
• General web technologies support and consulting.

Results:
I successfully developed and deployed various small-sized static and dynamic web sites to both LAMP stack and IIS medium. Adapted every situation accordingly and solved problems as needed. I gave consulting and support to clients considering their long term needs.

Environment	
Methods	Git versioning, Issue tracking
Tooling & Techniques	Visual Studio, Visual Studio Code, Word Press, GitLab
Competences	Multi task management and defining future requirements of clients

Period	Jan 2016 – Sep 2016
Client	Vargonen
Role	Full Stack Web Developer
Project	Integration of Third Party Softwares and Designing a Software System

Situation:
Over the years the company has been accumulated an in-house software integration system that does not have any kind of standard, no documentation at all and a system that is hard to maintain and unsustainable in the long run. Different pieces glued together with different languages and frameworks in a un-centralized solution.

Tasks / activities:
• Developing a web crawler software which integrates to WHMCS for continuous data mining from various web pages to update the prices of products by using C#, .NET and various third-party libraries.
• Developing and debugging multiple e-commerce websites which have been written previously with AngularJS and Symfony.
• Developing an e-commerce website from scratch, which integrates with WHMCS API by using Laravel, Bootstrap, Bridge.NET, and JQuery.
• Developing software to integrate WHMCS Billing to NETSIS e-billing system and debugging WHMCS automation software and NETSIS integration by using Java, C#, .NET and PHP technologies.
• Developing, designing and debugging various integration software services which run between WHMCS, NETSIS, PowerDNS and front-end e-commerce website.

Results:
Apart from the overhauling of the software structure, I have successfully completed all the tasks I have been given.

Environment	
Methods	Git versioning, Issue tracking
Tooling & Techniques	Visual Studio, GitHub, Netbeans, Eclipse
Competences	Integrating different types of third party software, Git versioning

Period	Jul 2014 – Oct 2015
Client	Tudem
Role	Software Developer
Project	Various

Situation:
The company -a very big printing house with a complex system- was having problems solving certain problems especially customer management. A certain part of their requirements was very specific but simple; Free and open source tools were not enough, though commercial applications were basically over-killing.

Tasks / activities:
• Developing, designing, maintaining and administration of web-based CRM software system by using C#, ASP.NET, MSSQL, Bootstrap, JQuery, HTML, CSS technologies.
• Maintaining and administration of many Windows 2008/2012 and Linux OSes to run IIS, Domain Controller, SMB, LAMP, MSSQL/MySQL, and VPN services as both local and remote web servers.
• Maintaining over 50 terminals.
• Designing and maintaining of backup system for both local terminals/servers and remote servers.
• Defining and solving of problems encountered by users on a daily basis.
• Training and organizing of IT team.
• Maintaining and administration of firewall and designing, enhancing and building of secure LAN architecture.
• Maintaining over a dozen hand terminals with Windows CE/Mobile.

Results:
I have expanded my knowledge on everything in an enterprise level environment.

Environment	
Methods	Issue tracking
Tooling & Techniques	Visual Studio
Competences	Working with drastically different problems in a very alien environment

Period	Feb 2010 - June 2014
Client	Kompusel
Role	.NET and C# GUI Developer, MSSQL Database Designer and Administrator
Project	Multi-client .Net GUI software

Situation:
The company was planning to develop software specifically tailored for oncology clinics to track patients, generate diagnostic reports and schedule management.

Tasks / activities:
• Developing of multi-client .NET GUI software with C# and designing, maintaining and administration of patient tracking, scheduling and statistical MSSQL relational database system to fulfill the requirements of medical clinics.
• Examining workflow, demands, and feedback of the clinic staff and designing an ideal GUI to fulfill the requirements of the client.
• Basic level debugging and testing.
• Local or web-based server hardware and software counseling, setup, maintenance and management.
• Training and organizing of technical team and interns.

Results:
I successfully worked directly with users who had no previous experience on multi-client network application. And successfully fulfill the requirements of the client by delivering a modern and optimized application.

Environment	
Methods	Issue tracking, simple versioning
Tooling & Techniques	Visual Studio
Competences	OOP and Functional Programming Paradigms, Designing and Maintaining RDBMS, C# and .Net

Period	Sep 2007 – Nov 2007
Client	Armada
Role	Customer Advisor

Tasks / activities:
• Understanding the needs of customers and guiding them accordingly.
• Informing customers about services of Armada.
• Conveying requests and advises of customers to appropriate supervisors.
• Recording customer contact information for ongoing campaigns via software.
• Answering phones.

Environment	
Competences	Verbal communication with both customers and client

Period	Jun 2003 – Dec 2005
Client	Middle East Technical University
Role	Life Guard
Project	

Tasks / activities:
• Part-time Life Guarding at outdoor and indoor pools at Middle East Technical University.

Environment	
Competences	Taking responsibility, coordinating with others, being flexible

HOBBIES

Sports	Books	Movies/Shows	Others
Skiing (Pro/Instructor)	Fantasy/Science Fiction	Fantasy/Science Fiction	Learning Programming Languages
Skating	Programming Languages/Paradigms	Sitcom	PC Gaming
Mountain Biking Down-Hill (Pro)	General Science	Documentary	Discussing and Critiquing
			Evolutionary Psychology
	Music		Amateur Photography
	-Power- Metal	**Articles**	
	Classical Music	Tech/Programming	
	Classic Blues / Jazz	Scientific	