

David Hurtado
Senior .Net Certified Developer
Microsoft Certified Solutions Developer
Microsoft Certified Solutions Associate
Scrum Master Certified
dahr.net@gmail.com



Microsoft
CERTIFIED
Professional

PROFESSIONAL PROFILE

Senior .Net Certified Developer and Scrum Master with more than 10 years of experience in Software Development Life Cycle for web based applications in industries like financial, logistics, audit and taxation. Extensive experience in Agile methodologies working as developer and team leader. Problem solver, team player, autonomous, organized, proactive and dynamic professional with abilities to establish priorities and deliver under pressure.

TECHNICAL SKILLS

- **Programming Language:** Microsoft Visual Basic 6.0 and Visual Basic .Net, C++ .Net, C#, PL/SQL, T-SQL, HTML, XML, ASP 3.0, ASP. Net, JavaScript, SSRS, LINQ.
- **Frameworks:** .Net Framework 2.0/3.0/3.5/4.0/4.5/4.6/4.7, Entity Framework 4.3/5/6/Core, Bouncy Castle 1.8, Telerik 2009.1527, AngularJS, Angular8, Telerik KendoUI for Angular, JQuery 1.3/1.7/1.8, Bootstrap 2/3, ADO.Net, .Net CORE 3.0/3.1, MSTest.
- **IDE's:** Visual Studio 2003/2008/2010/2013/2015/2017/2019, Visual Studio Code.
- **Databases:** Oracle 9i, 10g, 12c, Microsoft SQL Server 2008R2, 2012, 2014 and 2016,
- **Version Control Tools:** Git, Team Foundation Server 2013/2017.
- **Web Servers:** IIS (10.0, 8.5, 7.5 and 7.0), Apache Tomcat 8.5.
- **Continuous Integration / Continuous Delivery:** VSTS 2017, Azure DevOps.
- **O/S:** Microsoft Windows 9X, 2000, XP, Vista 7, Server 2003, Server 2008R2, Server 2012 and Server 2016, Linux (Fedora, Ubuntu, Debian and Red Hat).
- **Project Management:** VSTS, Atlassian Jira and Atlassian Confluence.

WORK EXPERIENCE

Senior .Net Developer
KMS LLC – 03/2020 to Date – Minden NV US

Project: Baker Hughes / Bently Nevada

Responsibilities:

- Development of Power Shell scripts receiving end user parameters and consuming REST API's methods.
- Use of Power Swift Pro to expose REST API's.
- Development of Rest APIs using C #, JSON, .Net CORE 3.0.
- Development of an Angular 8 application designed to manage several types of different devices like adapters, virtual machines and Orbit 60 on an ARM Server using Kendo UI and consuming REST API's.
- Development Windows wrapper service for a Console solution with debugging option and port parameterization for its execution.
- In-Memory Database Implementation using SQLite and Entity Framework 6 with a code first approach.
- Development of Windows service installation script, using PowerShell.
- Modification of the application installer using WixToolSet, to map environment variables and allow a customized installation.
- Use of Moq, Ninject, MsTest to configure an optimal test execution environment, for the test methods.
- Modification and creation of mutations for GraphQL queries.

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- Use of Azure DevOps and Visual Studio Team Services (VSTS) for Continuous Integration, automated testing, continuous delivery, code review, and project management.
- Use of Active Directory, to validate the user's credentials, prior to creating the user in the local database, which manages the users within the application.
- Handling of the concurrency problem presented in Entity Framework Core, using concurrency tokens and modifying the lifetime of the Database context to transient, to allow the execution of queries in parallel.

Technical Environment: Angular8, Angular KendoUI, ASP.Net CORE 3.1, PowerShell, Agile (Scrum), Git, Windows 10, Visual Studio 2019, Visual Studio Code, PostgreSQL 10, SQLite, Entity Framework 6, Entity Framework Core, .Net Framework 4.7.2, MsTest V2, GraphQL, Moq 4.12.0, Ninject 3.3.4, AutoMapper 9.

Senior .Net Developer
PSL – 02/2017 – 07/2019

Projects:

- Deloitte Global Employer Services GES – 07/2018 – 07/2019
- DNP – Microsoft – 02/2018 – 07/2018
- Servientrega – 02/2017 – 02/2018

Responsibilities:

- Use of ASP .Net and MVC to implement dynamic breadcrumbs.
- Development of Web APIs Rest using SQL, C #, JSON, Entity Framework with code 1st approach and Azure, in a Microservices architecture.
- Development of SOAP Web Services using SQL, JSON, C #, Entity Framework with database 1st approach.
- Development and support of services implementing Windows Communication Foundation (WCF).
- Application's upgrades from .Net 3.5 to .Net 4.6 and .Net 4.7.
- Development in C# .Net using .Net CORE 2.0 in an ASP.Net Core Application
- Use of SQL and PL/SQL for database information encryption and tuning of bugs in the encryption/decryption process.
- Development and execution of complete test plans.
- Use of Internet Information Services IIS 8.5 and 10 for applications deployment.
- Use of Git and TFS for version control system.
- Use of Azure DevOps and Visual Studio Team Services (VSTS) for Continuous Integration, automated testing, continuous delivery, code review, and project management.
- Development according to the Agile Pair Programming software development technique.
- Use of Postman API to develop, test and modify API Rest Web services.
- Work according to Scrum methodology with Daily, Sprint Planning Meetings, Retrospective meetings and management of Product Backlog Items PBI's.
- Use of Test Driven Development TDD
- Prototype development.
- Use of JavaScript, JQuery, Bootstrap, Razor, CSS and MVC to modify User Experience and front-end.
- Extensive use of SQL for all CRUD operations at database level.
- Extensive use of T-SQL in MS SQL Server 2016 to develop stored procedures, stored functions and views.
- Use of LINQ as a Query Language for Entity Framework implementations.

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- Use of dotPeek to decompile library's without documentation and source code control to try to gap the bug behavior.
- Use of SOAPUI API to develop, test and modify Web Services.
- Use of Windows Communication Foundation to fix bugs on billing automation.
- Use of SSRS to develop and deployed database reports.
- Use of AngularJS to speed up the user experience in process previously implemented using JQuery and JavaScript.
- Use of Visual Studio Team Services (VSTS) for project management.
- Use of Atlassian Jira for bug tracking, issue tracking, and project management.
- Use of Atlassian Confluence for creation and management of technical documentation.
- Use of security principles like Authentication, OAuth, public-private key encryption, and single sign-on.
- Use of PowerShell and CMD for startup or Shutdown the IIS from the console in previous environments.

Technical Environment: .Net Framework 2.0, 3.5, 4.0, 4.5, 4.6, 4.7 (C#, ASP .Net, MVC, Razor, WCF and Entity Framework)., Windows Server 2003, 2012 and 2016, Windows 7, Visual Studio 2005, 2010 and 2017, Agile (Scrum, Kanban), TFS, Git, Azure DevOps, Oracle 12c, SOAP, Rest-API, PL/SQL, IIS 6.0, 8.5 and 10.0, JavaScript, JQuery, AngularJS, CSS, Bootstrap, TFS, dotPeek, SQL Server 2014, SSRS.

Senior .Net Developer - Architect
Banco Pichincha - 08/2013 – 02/2017

Responsibilities:

- Deployment of new functionalities using Apache Tomcat 8.5.
- Configuration of Apache Tomcat, Red Hat Enterprise 7.4 and Java 7 for deployment in production environments.
- Extensive use of SQL for all CRUD operations at database level in an AS/400 environment.
- Use of Bouncy Castle 1.8. API's for encryption/decryption of keys and variables to be share it by web Services.
- Use of SOAPUI API to develop, test and modify Web APIs.
- Work according to Scrum methodology with Daily, Sprint Planning Meetings, Retrospective meetings and management of Product Backlog Items PBI's.
- Use of Postman API to develop, test and modify Web APIs.
- Support the Bank's Technology Architect in the definition and articulation of the IT architecture in pursuit of the transformation and modernization of the organization's technological infrastructure.
- Lead the Team responsible for the design, development and implementation of web services that interact with the new transactional portal using IBM Integration Bus and IBM WebSphere.
- Design, definition, and modeling using UML for Web Services for the Transactional Portal.
- Analysis, design, development and implementation of Transactional Portal functionalities using C#, JQuery, Asp.Net, Ajax, Telerik UI for ASP.NET, JavaScript, XML, JSON, SQL and ADO.Net.
- Lead the Transaction Portal team working on different assignment using C#, JSON, JQuery, JavaScript, XML and SQL.
- Leadership, participation and tuning in software go-lives.
- Use of Internet Information Services 8.5 for application deployment.

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- Use of the Twelve Factor App Methodology including Codebase, Config, Port binding, Dev/Prod parity, Logs and Admin Processes.
- Use of Git and TFS for version control system.
- Planning and execution of stress, performance and load tests.
- Analysis and implementation of security patches.
- Use of security principles like Authentication, authorization, public-private key encryption, token validation, and encoding.
- Use of PowerShell and CMD for startup or Shutdown the IIS from the console in previous environments and solve problems with the Nuget packages.

Technical Environment: .Net (C#, Asp.Net, Threads, MVC, ADO.Net), Agile (Scrum, Kanban), Ajax, JavaScript, jQuery 1.8, JSON, CSS, AS/400, IBM Integration Bus, IBM Web Sphere, Java 7, Bouncy Castle 1.8, Git, Red Hat Enterprise 7.4, Apache Tomcat 8.5, Windows Server 2008R2, Windows 7, Visual Studio 2010, .Net Framework 3.5, .Net Framework 4, TFS, IIS 7.5, Rest-API, XML, SOAP, Telerik.

.Net Developer

Unisys – 04/2011 – 08/2013

Responsibilities:

- Use of C# and C++ to develop Dynamic Link Libraries (DLL's) to intercommunicate several peripheral devices like PIN pad Hypercom S9 and T110, Epson TM-T88III, TM-U950 and TM-650, Panini MyVisionX Check Scanner, Burroughs SSP155100-PKA SmartSource Professional Check Scanner, Talaris Vertera Teller cash recycler with the Financial Transaction Manager 6.1 and 7 application.
- Use of UML, C#, JavaScript, JQuery, XML, XSLT to design, develop and implement financial transactions in Financial Transaction Manager 6.1 and 7.
- Use of MVC, Asp.Net, C# and Ajax to upload and display scanned Images.
- Use of C# to develop and implement a functionality to send emails as receipts for different financial transactions.
- Migration between Unisys platforms Unisys Enterprise Application Environment 1.0 to Agile Business Suite 1.2.
- Use of .Net C# and 3DES encryption algorithm to develop an encryption/decryption routine and an API that could be used by Agile Business Suite.
- Use of C# to develop and implement an API to consume Web Services and integration Agile Business Suite.
- Use of C# to develop and tune the corporate website for working properly with Agile Business Suite.
- Use of C#, VB and web Forms to fix bugs in the web pages after migration.
- Participation and tuning in software go-lives.
- Support to Financial Transaction Manager 6.1 and 7.
- Use of C++ and C# to apply patches Financial Transaction Manager TX-Server and Financial Transaction Manager TM-Net.
- Test of all devices functionality using Citrix Workspace 6.
- Extensive use of T-SQL in MS SQL Server 2008R2 to develop stored procedures, stored functions and views.

Technical Environment: .Net (C#, C++, VB, ASP.Net, MVC, Web Forms), JavaScript, HTML, Java, JQuery 1.3, Ajax, Unisys Financial Transaction Manager 6.1 and 7, Unisys Agile Business Suite, VirtualBox, Windows Server 2008 and 2008R2, Windows Server 2008 and 2012, Visual Studio 2008, 2010 and 2012, .Net Framework 2, 3.5 and 4, SQL Server 2008R2, IIS 7.0 and 7.5, TFS, VMWare, Windows 7 and XP, Citrix Workspace 6, VirtualPC, VMWare.

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Junior .Net Developer
Unisys - 04/2010 – 04/2011

Responsibilities:

- Gathering requirements.
- Use Virtual PC, and VMware to set up testing and development environments for the development team.
- Use of Citrix Workspace 6 to develop concept tests for new technologies to be implement in the Project.
- Use of C# and C++ for Develop Dynamic Link Libraries (DLL's) to Intercommunicate devices with Financial Transaction Manager 6.1 like: PIN pad Hypercom T110, Epson TM-U950, Epson TM-650 and Talaris Vertera Teller cash recycler.

Technical Environment: .Net (C#, ASP.Net), JavaScript, Ajax, Unisys Financial Transaction Manager 6.1, Citrix Workspace(, VirtualPC, VMWare, Windows Server 2008R2, Visual Studio 2010, .Net Framework 3.5, SQL Server 2008R2, IIS 7.5

Junior Developer and Technical Support
Alfa GL SAS – 01/2009 – 03/2010

Responsibilities:

- Provide internal support level 1 and 2 in hardware/software (Oracle RDBMS 9i and 10g, Oracle Forms 6i, Oracle Reports 6i) to the development team.
- Support of database and application servers including Linux Red Hat Enterprise 5 (Tikanga), Debian Etch, Fedora Cambridge and Windows Server 2003.
- Database backups and restore using Export/Import utilities in Oracle 9i and 10g.
- Use of SQL and PL/SQL in Oracle 9i and 10g to fix application bugs.

Technical Environment: Windows Server 2000, Windows Server 2003, Windows XP, Windows Vista, SQL, PLSQL Oracle 9i and 10g, Linux Red Hat Enterprise 5 (Tikanga), Linux Debian Etch, Linux Fedora Cambridge

EDUCATION / CERTIFICATIONS

- Bachelor Degree in Systems Engineering Universidad Católica Colombia. 2010.
- Microsoft Certified Solutions Associate. Microsoft. 2018.
- Microsoft Certified Solutions Developer. Microsoft. 2018.
- Microsoft Certified Professional. Microsoft. 2018.
- Scrum Master Certified License 597010 Scrum Study. 2017.
- Scrum Fundamentals Certified. Scrum Study. 2017.
- Microsoft .NET Framework 4: Client-Side Scripting and AJAX with C # 2010. Unisys University.
- Microsoft. NET Framework 4: Debugging, Tracing and Monitoring Web Applications with C # 2010. Unisys University.
- Microsoft. NET Framework 4: Configuring and Deploying Web Applications with C # 2010. Unisys University.
- Microsoft. NET Framework 4: ASP.NET MVC 2 with C # 2010. Unisys University.
- Microsoft. NET Framework 4: Data Integration with C # 2010. Unisys University.
- Microsoft.NET Framework 4: Web Form Controls with C # 2010. Unisys University.
- Microsoft. NET Framework 4: Web Applications with Visual Studio 2010 and Visual C #. Unisys University.
- Microsoft. NET Framework 4: Web Application Optimization and Customization with C #. Unisys University.
- SQL Server 2008 Implementation. Unisys University.

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- SQL Server 2008 Administration. Unisys University.
- SQL Server 2005 Administration. Unisys University.
- Oracle Self Study: PL / SQL, Oracle Developer 6i, Units Program.

PROFESSIONAL REFERENCES

- Roy Francis. Principal Engineer. Baker Hughes. +1 775 215 1632. roy.francis@BakerHughes.com
- Steve Whalen. Lead Engineer. Baker Hughes. +1 775 521 1203. steve.whalen@BakerHughes.com
- Garis Alberto Sosa. Unisys. Consultant. +57 300 8438368. garis.sosa@unisys.com

NAME: DAVID HURTADO

DATE: 2/10/2021

POSITION: Senior .Net Developer

SKILLS INVENTORY

Skill	Years of Experience	Last Year Used	Self-Rating
Object Oriented Analysis OOA	11	2021	4
C#	11	2021	4.5
Visual Studio	11	2021	4
Git	2	2021	3
Angular 8	2	2021	4
CSS	3	2020	3
HTML	7	2020	3
TFS	7	2019	4
ASP .Net	9	2019	4
Atlassian Jira	4	2019	4
Atlassian Confluence	4	2019	4
MVC	4	2019	3
Azure DevOps/VSTS	2	2021	3
SQL	7	2019	3
PL/SQL	4	2019	3
Object Oriented Design OOD	8	2018	4
Web Services	5	2018	4
Entity Framework	2	2018	4
LINQ	2	2018	4
SQL Server	3	2018	3
AJAX	4	2018	3
T-SQL	3	2018	3
Visual Studio Team Service VSTS	1	2018	3
JavaScript	7	2017	4

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JQuery	6	2017	4
Visio	4	2017	3
WCF	1	2017	3
SQL Server Reporting Services SSRS	1	2017	3
Bootstrap	1	2017	3
Angular JS	1	2017	3
Visual Basic .Net	1	2017	3
UML Modelling	6	2016	4
XML	3	2016	3
XSD	2	2016	3
Java Programming	2	2016	3
Linux	3	2016	3
Visio	3	2016	3
Linux Shell Scripting	2	2016	3
JBOSS	1	2016	3
J2EE Architecture	1	2016	3
Apache and Apache Tomcat web servers 8.5	1	2016	3
Eclipse IDE	2	2016	3
XSLT	3	2015	3
Websphere Application Server	1	2015	3
Websphere Portal	1	2015	3
Ajax	4	2013	3
C ++	2	2013	3

Self-Rating Criteria: 1. No Exp. 2. Limited Exposure. 3. Working Knowledge. 4. Skilled. 5. Expert.