

# Mark Paterson

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website: <https://creativemark.org>

## PROFESSIONAL PROFILE

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Seasoned professional with comprehensive business and technical skills including business process automation and management, system design and integration, requirements gathering and analysis, project management, leadership, process modeling, quality assurance, software development, customer service, goal oriented. Excellent problem solver focused on providing workable solutions.

### TECHNICAL SUMMARY:

Visual Studio 6.0, .Net Core, C#, MVC, Ajax, MS SQL, HTML5, JavaScript, XML, T-SQL, Data access, .Net Framework, LINQ, Agile development, GIT, Jira, Rest, JQuery, Bugzilla, Json, React JS, Vue, Vue3, Google Maps, PouchDB, CSS, Bootstrap, Azure, LiteDB, Quasar Framework.

## PROFESSIONAL EXPERIENCE

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### Owner / Entrepreneur | Creative Mark

Jan 2019 – Present

A web based company that creates ready to use web applications built using a variety of modern technologies, coded and designed with a view to getting your professional business application up and running effortlessly.

.Net Framework 6.0, Razor Pages, C#, Vue3, Javascript, CSS, HTML5, JQuery, SQL Server, JSON, LightDB, Custom Components, Quasar Framework, Vue3 Composition API.

### Senior Application Engineer | InstanTel Inc, Ottawa, Ontario (employee)

Jun 2017 – Jan 2019

Design and program a modern version of InstanTel's flagship product Vision to a cloud based solution to store, report and analyze event data recorded with an InstanTel monitoring unit.

.Net Framework, Razor Pages, C#, React, Javascript, CSS, HTML5, JQuery, SQL Server, JSON, Azure, SignalR, Custom Components, .Net Core, SPA.

### Senior Software Engineer | Canada Post, Ottawa, Ontario (contractor)

Oct 2015 – Jun 2017

- Design, create and modify software in support of digital processing requirements.
- Design document templates using OCR software.
- Design and create inline PDF QA validation tool for digital processing.
- Migrate all tools to a single web application portal.

SQL Server 2012, Visual Studio.Net 4/4.5, ASP.NET, C#, JQuery, XML, JavaScript, HTML5, CSS, LINQ, Ajax, OCR Anydoc, Cute FTP, Web Services.

### Application Engineer | Urban Poling Walkfit, Ottawa, Ontario (contractor)

Mar 2015 – Oct 2015

- Design and create company website using Asp.Net, HTML5, CSS, JQuery and Gimp 2 for images
- Design and create desktop application to manage business processes using c#, windows forms, SQL Server 2014. Schedules printed out in MS Word format.

- Design and create web and mobile application for walk challenge. Features include secure logon, registration, user distance tracking on Google map and statistical summary..

SQL Server 2014, Visual Studio.Net 4/4.5, MVC, C#, Rest, JQuery, XML, JavaScript, HTML5, CSS, LINQ, Ajax, Json, AngularJS, PouchDB, Gimp

**Senior Application Engineer | Lixar Inc., Ottawa, Ontario (contractor)**

**Jun 2013 – Dec 2014**

- Design and implement vehicle tracking system in Google maps/Baidu maps. Create custom API in Javascript to detect mapping system to display and to easily integrate other mapping systems. Add functionality to create different types of geofences and additional support for live vehicle tracking.
- Design and implementation of new features for vehicle/fleet tracking software such as vehicle information box, speed, direction, recent trips with detailed location data, vehicle statistical data.
- Create and manage Azure SQL databases for various application instances using the Azure Portal.
- Create new web application instances on Azure cloud and update them on a regular basis using the Azure Portal.

SQL Server 2012, Visual Studio.Net 4/4.5, MVC, AJAX, C#, Restful Services, JQuery, XML, JavaScript, HTML5, CSS, UML, Jira, Source Tree, Agile, JQuery, LINQ, Ajax, Entity Framework, Azure, Fireworks.

**Senior Application Engineer | UBM TechInsights, Ottawa, Ontario (employee)**

**Nov 2009 – Mar 2013**

- Convert existing desktop applications to web applications. Gather requirements, architect and design web application using ASP.Net Webforms, SQL server 2012, Asp.Net web services. Create custom images using Fireworks, create page layouts, designs and wireframes.
- PatentVista – Design and create a SAS web application to enable clients to manage their patent portfolios. Features include various views and layouts to visualize patent trees, patent details, document management and printing, patent rating and other patent related information.
- Patent Library – design and create database schema and services to act as information hub for all client instances. Services pull patent data in from various jurisdictions around the world each night.
- Patent Search – design and create web application for patent searches. Features include both simple and detailed search as well as a custom search language.
- Unification Project – consolidate all patent tools into a single suite of web based applications.

SQL Server 2008, Visual Studio.Net 3.5/4.0, ASP.NET, AJAX, C#/VB.Net, Web Services, Window Services, Win Forms, Windows XP Professional, IIS 6.0/7.0, ASP, XML, JavaScript, HTML, CSS, UML, JQuery, LINQ, Source Safe, Bugzilla, SaaS

Software Developer   Interactyx Inc., Ottawa, Ontario (employee)	Aug 2008 – Nov 2009
Software Developer   Gilmore Inc., Ottawa, Ontario (employee)	Oct 2005 – Aug 2008
Software Developer   Global Development Group, Ottawa, Ontario	Jan 2005 – Oct 2005
Developer/Manager   Director's Plus Inc., Ottawa, Ontario	Mar 2003 – Jan 2005
Software Designer   Espial Inc. 200 Elgin St, Ottawa, Ontario	Feb 2001 - Dec 2002
Software Designer   Nortel Networks, Nepean, Ontario	May 1999 - Feb 2001
Web Master   Ottawa Citizen, Ottawa, Ontario	Jan 1999 - May 1999
Software Developer   Natural Resources Canada, Ottawa Ontario	Dec 1998 - Jan 1999
Software Designer   SGS Technologies, Ottawa Ontario	Apr 1998 - Dec 1998
Software Designer   Intranet Technologies Inc., Ottawa, Ontario	Jan 1998 – Apr 1998

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## EDUCATION/COURSES

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- Internet Application Developer Diploma, Jan 1998, Compuskills Inc. Ottawa Ontario.
- Physical Education and Recreation Leadership Diploma, Dec 1987 Borden Ontario.
- .Net Application Developer Course, Jan – Apr 2003, Willis College, Ottawa Ontario
- Advanced Java/Software Analysis and design.
- Principle of Software Engineering.
- Physical Education and Recreation Manager Course.
- Instructor Trainer Certification (classroom presentation).
- Leadership Management Course.