Richard Torcato

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Profile

My name is Richard Torcato. For over 30 years I have been working with some of Canada's largest corporate institutions and leading edge marketing companies building internet and interactive applications.
I'm a freelance full-stack developer that has a very strong in depth knowledge of Javascript, Node.js, React.js, JQuery, Angular, PHP, Laravel, CSS, Twitter Bootstrap and MySQL.
I've worked with many teams, but I am also able to work independently and can take a project from concept to production. I'm interested in working with exciting companies, challenging contracts and career opportunities.

Personal Skills

- All programs and programming languages are self taught
- Self-starter, rapid learner and capable of working on several projects at once
- Have worked directly for corporate clients including some of Canada's largest marketing agencies
- Excellent communication, analytical, and problem solving abilities
- Fully equipped home studio
- Established Matrix Digital Solutions in the summer of 1997
- Created Biz-e a Filemaker application for small business invoicing platform
- Currently learning iOS programming and always updating my skills in the latest frameworks and technologies
- Programmed custom content/website management systems
- Programmed custom e-learning applications and a VR golf training application

Technical Skills

- Strong practical and theoretical foundation in object oriented programming
- Excellent understanding of HTML, DHTML, JSON, AJAX, XML, ASP, PHP, ASP.net, Node.js, CSS
- Software Engineering in Javascript, Node.js, PHP, ASP, ASP.net
- Experience in setting up and maintaining a web server on AWS, Digitalocean (Docker, Nginx, IIS, FTP, SQL, MySQL, Apache server and related hosting responsibilities)
- Javascript frameworks React.js, Angular.js, Redux, Jquery, Axios
- Experience setting up and deploying and configuring my own servers on DigitalOcean/AWS for Node, Wordpress applications
- Experience with Node.js, Express.js and Sails.js
- Have built applications with React, Redux, Redux Saga and Apollo GraphQL
- Knowledge of Docker and building containers for development and deployment. Have built my own docker files for MERN stack running on Digital Ocean
- Laravel and Codeigniter PHP framework experience
- Have styled many web applications with CSS, CSS in Javascript with Styled components and have worked with SASS and LESS to compile CSS

- Have built many CSS responsive websites
- Experience with Twitter Bootstrap CSS framework
- Database Engineering for MySQL, MongoDB, MSSQL, Filemaker, MS Access
- Experience creating REST/Webservices for Node.js,PHP and ASP.net
- Have worked with many popular internet APIs including: Facebook API, Twitter API, Google Maps API
- Experience building responsive websites
- Worked on many multilingual projects
- Experience with with Git, Gulp, Bower, Vagrant, Docker, Webpack, NPM and Yarn
- Have created large relational databases with stored procedures
- Web Development in HTML/HTML5, CCS/CCS3, JavaScript
- Experience with programming ASP.net web applications with C# and Visual Studio .NET
- Have used Actionscript extensively with XML and backend integration, creating Flash components, Flash Video, Flex, Flash Web Services, Actionscript classes and shared libraries.
- Helped to produce three commercially released CD-ROMs distributed by Corel
- Wordpress CMS experience. Including customizing themes and plugins
- Experience with staging large corporate presentations
- Strong in depth knowledge of Macromedia Director, Lingo

Creative Skills

- Excels in creating Sketch, Illustrator and Photoshop designs to layout designs/concepts for iOS/Web applications
- Familiar with many leading creative editing applications including Adobe Photoshop, Illustrator, Apple Aperture
- Video compositing and editing experience (Premiere, Final Cut Pro and After Effects)
- Ability to create streaming and downloadable video media formats (Real, QuickTime, MPEG, Flash FLV)
- Designed many corporate presentations for IPO roadshows and other corporate events using Flash, Powerpoint and Director
- Strong technical and creative photographic skills
- Familiar with medium and large format cameras (2 1/4, 4x5 and 8x10 formats)

Experience

COACH ME – OCT 2020 - FEB 2021

Internal IBM application, built with Node.js and React front end. The project used Javascript, React, Redux, Node, Typescript, TailwindCSS, Jest testing, CSS and SASS. This web application was built for internal IBM employees to mentor fellow IBM employees.

BADGE ME - DIGITAL CREDENTIALS – JUN 2019 - DEC 2019

Internal IBM application, built with Node.js micro-service architecture and React front end. The project used Javascript, React, Redux, Node, Typescript, Jest testing, CSS and SASS. This project used multiple micro-services to build a scalable web application for IBM employees to manage digital credentials.

WWW.TRIPSTREAMER.COM (PERSONAL PROJECT) – 2016-PRESENT

Currently bootstrapping my own project for a travel application. Programmed in Node.js, Express React, Apollo GraphQL and MongoDB. It will have an API, Web application in React.js and iPhone/iPad applications.

WWW.AUTOLIFE.CA – JAN 2018 - APR 2018

New automotive website for GNR8R Marketing Group Inc. The site was build using Javascript, React, Redux, Bootstrap and SASS.

WWW.ONTARIOFLOWERS.COM - WEBSITE REDESIGN – DEC 2017

New redesign for Ontarioflowers website. Using CSS, SASS, Twitter Bootstrap CSS framework.

WWW.ALWIND.COM - WEBSITE REDESIGN – SEPT 2017

New Website for Alwind Industries ltd. The site was build using Node, Grunt, React, Bootstrap and MongoDB

BAYVIEW FLOWERS - VENDOR SUPPORT WEBSITE – SEPT 2017

PHP website for clients of Bayview Flowers to place orders based on availability. Admin pages allowed the client to update products, customers and availability. The app used PHP, MySQL, Git, Javascript, Bootstrap AND JSON.

IBM - MANULIFE CUSTOMER PORTAL – MAY 2017 - AUG 2017

Worked with IBM to build a React front end customer portal for Manulife. The app used React, Redux, REST, JSON, Javascript, GIT, Webpack and Bootstrap.

IBM - FOCALPOINT – NOV 2016 - MAR 2017

Worked with IBM labs to build a call management application. The app used AngularJs, Grunt, Bootstrap, JSON, XML, REST and Java

YANGU.CA /WWW.LETSGOTHERE.COM – SEPT 2015- DEC 2015

Programming and consulting for a Travel startup.

FLIGHT CENTRE - SMART CMS – MAR 2014 - APR 2015

Developed a new a CMS tool for Flight Centre Travel Group to manage their social media campaigns. For each campaign an app is created with assets stored on AWS S3 using the AWS SDK. Pages can be created using a WYSIWYG style page editor made with Angular.js. The site was developed using Laravel PHP framework, Angular.js, Twitter Bootstrap CSS framework

CFHI IMPACT MAP – FEB 2014

Mini site for CFHI (Canadian Foundation for Healthcare Improvement). Created a tool to map/sort location markers and an admin tool to help place markers and add new locations to the database. Uses Angular, Google Maps API, PHP, JSON, MySQL. http://www.cfhi-fcass.ca/OurImpact/map

WWW.BRANDSINMOTION.CA – FEB 2014

Programmed site in PHP using Codeigniter Framework. Google Maps API was used to display and search store locations on the map. Designed responsive and multilingual for English and French. http://www.brandsinmotion.ca

INNOCEAN CANADA EXTRANET APPLICATION – DEC 2013 - JAN 2014

Built an extranet web application for Innocean Canada. The project was built with PHP, MySQL and the Codeigniter and Twitter Bootstrap framework. The application has an administration tool to manage users, files and permissions.

OFG SUPPLY – SEPT 2013 - DEC 2013

PHP site made for Ontario Flower Growers. It was a supply site for their client Lowe's to manage orders. Jquery, Laravel, PHP, MySQL.

CANADA'S PRODUCE PLACE – APR 2013 - SEPT 2013

PHP site made for Ontario Flower Growers. The project was built with PHP, Codeigniter and MySQL. A custom designed CMS was made for editing growers, news content and other admin functions to help the client manage the content of the site

LET IT SNOW – FEB 2013

Developed a new campaign for Data Group's client Calgary Health Trust. The site was developed using Codeigniter PHP framework, Twitter Bootstrap CSS framework and Adobe Flash.

FLIGHT CENTRE CONTESTS

Facebook pages for social media contests

SEARS MICRO-SITES

Numerous PHP contest micro sites for M Marketing's client Sears

INFINITI CONTEST MICROSITES

M Marketing client contest micro sites for Infiniti made in PHP. English and French

CANADIAN DIABETES ASSOCIATION VIRTUAL CLOTHESLINE

Charity Site for Canadian Diabetes Association. PHP, JQuery, Flash. English and French

DECK YOUR DORM

PHP mini site for Sears. PHP, JQuery, Flash. English and French

NISSAN GREY CUP CONTEST

PHP mini site for M Marketing's client Nissan. PHP, JQuery, MySQL

HARLEQUIN CELEBRATES

PHP mini site for M Marketing's client Harlequin Publishing. PHP, Codeigniter, JQuery, MySQL, Flash

AMEX CARD COMPARE

Card comparison tool for Amex website. Client Ogilvy. PHP, JQuery, MySQL

MONERIS OFFER SITE

Project was built for M Marketing Inc. client Moneris. It has a responsive design for mobile devices and desktop. The site is available in English and French.

SEARS HANNA MONTANA

PHP mini site for Sears. Client M Marketing.

WESTGATE HONDA KIOSK

Flash/PHP mini site made for Data Group. The mini site was made as a contest for Westgate to drive traffic.

WWW.ONTARIOFLOWERGROWERS.CA (PREVIOUS DESIGN)

Site is made up of 4 portals and a custom programmed CMS tool for client to manage web site users and content. Ontario growers can add products and set availability for products within the Grower's portal. Registered buyers can purchase grower's products and search and view profiles and products. ASP.net 2.0, JQuery, MsSQL

OFG MANAGEMENT TOOL (PREVIOUS DESIGN)

CMS tool for Ontario Flower Grower employees to manage the web site, users products and content. Admin tool also synced with AS400 IBM database nightly. ASP.net 2.0, JQuery, MsSQL

ROGERS MENTORING PROGRAM

Programmed in C#. This was a forms based web application that employees would have access to from the company intranet. Filling in the form the employees would apply for a special rewards program. Administrators and Managers would get email updates to the employees application status. The main part of the application required building a complete admin tool for the administrator to manage applicants and track the status of responses from managers

BELLWORLD EVENT MANAGEMENT SYSTEM

Created an event management system for Bellworld administrators to login and check current events in their region. They can use the web calendar to select events and print the details of the event. Administrators can edit event details and send email notices to other event managers. Programmed in C#

WWW.REDWOODELEARNING.COM (PREVIOUS DESIGN)

Created login and registration forms for password protected areas of the site. Programmed in C#

WWW.VIRTUALLYPERFECTGOLF.COM (OFFLINE)

Created an online administration tool for Virtually Perfect Golf (VPG) to edit user accounts for the VPG E-commerce system. Programmed in Java and JSP using Jbuilder. The web application is deployed using Macromedia jRun. Administration pages were programmed in C# (ASP.net). The eCommerce system is password protected and only franchisors to the VPG systems can purchase time for their system.

WWW.ALWIND.COM

Created site design and backend programming. Programmed with ASP and Microsoft Access. Created protected administration pages for sales people to update news items and product information. Created a registration system for registered users to gain access to Autocad File downloads and PDF product specification sheets

WWW.RESOURCEMEDIA.COM (PREVIOUS DESIGN)

Responsible for site design and backend programming. Site was programmed using C#. Site used various new ASP.net features. I also created custom C# controls for the login sections and top navigation bars. Designed and programmed all Flash elements for the site.

WWW.ENVYTV.COM (OFFLINE)

I designed the site as well as programmed all the backend database connections and scripts. The site also includes an administration section for editors to create newsletters online and send them to registered users. Other site features include registration, login areas for registered users. Streaming media using windows media. Web programming using ASP, Javascript, CSS, SQL server and windows media encoder

WWW.THEMONEYWORLD.COM (OFFLINE)

Responsible for designing overall look of site. Flash movies and video integration. Streaming video section was scripted with ASP

ASHLEY MADISON FLASH CHAT - MARCH 2010

Programmed for Avid Life Media. Developed a Flash chat application for the Ashley Madison Website. Chat application worked with JSON and Javascript.

POLE DANCE A FRIEND - Site for Avid Life Media. It used PHP, Flash

GOODWRENCH BANNERS 2009 - Various English/French Flash banners for GM Goodwrench.

Maclaren McCann - Olympic games banners - Apr 2009

KELSEYS - Flash mini site - Apr 2009

MACLAREN MCCANN - Buick Lacrosse 2009 -Flash mini site project for GM

BREWSOMEGOOD 2009 - A large Flash application that required a lot of Actionscript changes for Ogilvy's client Maxwell House

HP Canada IT Transformation 2009 - A large Flash eLearning application made for WebFeat's client HP.

CLICK MEDIA 2009 - Flash Flex consulting

NESTLE SMARTIES Jun 2008 - Flash mini site

WEEKENDERS USA - Created a multimedia CD-ROM in Macromedia Director that helped sales people learn the process of selling the Weekenders product line to customers

BOSTON SCIENTIFIC - Created a multimedia CD-ROM in Macromedia Director that contained a simple menu system to play mpeg files of a client's testimonial

MANULIFE MIX - CD-ROM and Roadshow presentation. Presentation was designed in Powerpoint so that sales staff could add their own content for their region. The presentation had areas with voiceovers which were synchronized to bullet points, Flash opening animation and MPEG movie testimonials. English and French CD-ROM versions.

TACFAST - Built with Macromedia Director and Macromedia's new Shockwave 3D technology. The project required 3D visualization of carpet assembled carpet pieces. The user can select from over 15 different 3D patterns and using the colour and pattern tools create a unique look for any room in a homebuilder's floor plan. This project also required database connectivity for login and saving customer data.

VIRTUALLY PERFECT GOLF (Team lead)
Built with Macromedia Director. The project required external video capture, mixer and camera control. Communication with ASP to a central database server. Scripting control of Flash and Quicktime assets. Teachers can build lessons and drills and the program can operate in auto teacher mode to run lessons automatically

VAUGHAN CORPORATE CENTRE CD-ROM - Built with Macromedia Director. The project required media to be updatable by the user via a password protected ftp site. Other features included integrated Flash vector maps that could be scaled with slider bars and view panning

CENTENNIAL OPTICAL - Built with Macromedia Director. This project was designed using the V12 database engine with product database designed with Microsoft Access. The user can perform searches on over 600 products contained in the database by 5 different search criteria and receive a thumbnail view of the found items. Clicking a found item displays product information and allows the user to add that item to the order form which can later be printed and sent to Centennial Optical to be processed

BANK OF MONTREAL - Crossword
Flash Crossword puzzle and puzzle generator made in Flash and XML for BMO's intranet.

BANK OF MONTREAL - E-Learning Flash CD-ROM based application

UBS - Built with Macromedia Director 8. This project was designed using the V12 database engine. The user can perform searches on over 180 mutual funds contained in the database. The CD-ROM contains an investment calculator and all reports are able to be saved and printed

BIOMECH GRAPHICS INC. - Web site design and Shockwave animations

COMMIX COMMUNICATIONS - Multimedia consulting. Flash and Director

CREATIVE DIRECTION GROUP - Various Corporate presentations (Barrick, Altarex, GoldCorp and CIBC)

DYMAXIUM BUSINESS TOOLS - laptop presentation and interface design

ENTREVISION INC.- Shockwave, Flash (IBM and Lotus)

ES3 - Flash MX presentation for screensaver and sales presentations (Bell Canada, Sympatico, MSN, Tumble-Books, Musicmatch)

INVISIONS - Lingo programming (UBS, Rogers and Virtually Perfect Golf)

ISIS COMMUNICATIONS - Flash animation and production

KNOWLEDGE SYSTEMS INC. - Video effects (Pioneer)

LIVEWIRE COMMUNICATIONS - Director presentations (Four Seasons Resorts and Magna)

LUMINA CORPORATE COMMUNICATIONS - PowerPoint presentation (Bell)

MACLAREN MCCANN – Flash Programming/ Flash Banners (GM Canada, Nestle, Rogers)

MARIPOSA COMMUNICATIONS - Various Corporate and laptop presentations (CIBC, Canada Trust, Glaxo Well-come, Toronto Dominion Bank, Kraft and Ontario Lottery Corp)

MCINERNEY AND COMPANY - Various IPO roadshow presentations (Nesbitt Burns, Wood Gundy, BCE)

MILE 24 SOLUTIONS - Powerpoint and Flash MX presentations (Firefly Locator Inc.)

MONEYWORLD MEDIA INC. - Web design and Flash 5 movies

MOTORETTA – Powerpoint design

MOSAIC GROUP - Various Corporate presentations (Pharmacia, Minute Maid, TD Bank)

PIXEL BUREAU - Director presentation and After Effects animations

RE:SOURCE MEDIA - Presentation design and PowerPoint (Chapters , Lifebridge, Thomas Cook & Nelvana)

VISTA COMMUNICATIONS - Presentation design and PowerPoint slides (Pladium and AMEX)

VOLTAGE COMMUNICATIONS - Consulting and Director production / programming

Education

ALIAS ANIMATOR 5.0 (night courses) - Information Technology and Design Center Oct. 1, 1995

PHOTOSHOP 3.0, DIRECTOR AND LINGO (night courses) - Digital Media Studios - Mar. 12, 1995

CREATIVE PHOTOGRAPHY DIPLOMA - Humber College - May 1, 1994

HIGH SCHOOL (O.S.S.D) - Sacred Heart C.H.S