

# MURALI KULACHANDRAN

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## Objective

Software Engineer with experience in application development and testing seeking a challenging position in the information technology field.

## Technologies and Skills

- **Web Design:** .NET, MVC, Agility CMS, NodeJS, ASP, HTML5, PHP, Windows Metro Apps, Javascript, Velocity, Flash, Microsoft SharePoint, CSS, Microsoft ISS, AJAX, Apache, Knockout
- **Programming Languages:** C#, C++, Java, Visual Basic, SQL, NHibernate, Entity Framework
- **Operating Systems:** Windows 7/XP/ME/NT/2000/98/95, Mac OS, Linux, Unix.

## Work Experience

### Software Developer – Ingram Micro Cloud

- Sole ownership of Report Generator and Cost of Goods applications; tasked with development, maintenance, and obtaining technical requirements.
- Improved existing application framework and built additional features using KnockoutJS, ASP.NET WebAPI, and Unity.
- February 2015 – July 2016
  - Worked with the development team to maintain and enhance the Ingram Micro Cloud Marketplace. Built additional tools to aid the Platform team in configuring the marketplace.
  - As Deployment Lead, communicated down-times, assigned and audited tasks, and coordinated developers during the deployment.
  - Filled-in for development team manager at departmental meetings and weekly team status updates.

### NET Application Developer – Union Creative

- Maintained and enhanced various Shoppers Drug Mart websites by, working with Account and Project Managers to estimate client requests, implementing new features using .NET and MVC and responding to urgent support issues on a daily basis.
- Worked closely with managers and vendors to, draw up estimates for projects and tasks, draft clear explanatory emails for technical and non-technical people, and put in place a voluntary weekend support service.
- June 2013 - November 2014
  - Used several web-focused technologies within the development team: C# and .NET to write server logic, MVC to bridge the gap between the front and back-end, and Agility CMS to provide the client with content control.
  - Performed over 50 live deployments while refining and documenting the release process.

### Web Developer - The Arthritis Society

- November 2012 - June-2013
  - Brought on to manage and troubleshoot multiple company websites: Solely revamped entire Grants and Research website, resolved urgent and uniquely complicated issues with the 2012 Walk To Fight Arthritis website, begun implementation of a company intranet.
  - Successfully re-designed, developed and supported the Grants and Research website throughout the grant application period: Worked with the research department to codify requirements, created wire-frames and designed front-end

interface, modularized and refactored back-end code base, and created a highly functional administrator interface and new applicant-reviewer website.

- Worked with Marketing department to complete changes to the company website for the 2012 Walk To Fight Arthritis: Provided constructive feedback and viable solutions 3<sup>rd</sup> party software vendor and assisted Project Coordinators with campaigns sub-sites and templates.

#### **Software Developer – Ariad Communications**

- Implemented web parts, user controls, templates and site-columns within SharePoint to provide end-users with a robust content development experience.
- Created a dynamic poll and story posting system for ethicalinvestor.ca – complete with an administrator panel to allow for direct website updates.
- Developed and deployed ASP 4.0 and MVC web applications for company websites, contest pages and promotional microsites.
- Designed multiple ASP custom controls to facilitate code re-usability.
- Created .NET console applications which automated email distribution, as well as logged various website errors and exceptions.
- Wrote front-end jQuery HTTP request handling code and back-end ASP WebMethods for an email forwarding RESTful service.
- Executed a PHP-based website refresh, which featured dynamically populated client testimonials monitored by a content approval process.

August 2011  
- November 2012

#### **Microsoft SharePoint Analyst (Contract) – H2 Central Marketing**

- Repaired and improved the client's SharePoint Project Proposal System (C#, ASP [.NET] and Javascript) to match and exceed their original design specifications.
- After contract completion, provided further support and documentation to ensure a successful deployment to the client's environment.

January 2011 -  
February 2011

#### **PHP Server Architect (Contract) – Greenfield Ethanol**

- Developed back-end server optimizations and additional functionality for the existing data warehousing software (PHP and MySQL).
- Re-designed and implemented an efficient data handling, manipulation and storage algorithm.

July 2010 -  
October 2010

#### **Front-End Web Developer – Igloo Inc.**

- Migrated legacy XSLT-rendered pages to Velocity-rendered pages, resulting in stronger encapsulation and improved functionality.
- Created multiple Javascript (jQuery) assets to give the product a richer, more user-friendly experience.
- Connected the system's C# (.NET) interface to Velocity to provide more features and services for the product's front-end.

November 2009 -  
March 2010

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### **Personal Project Experience**

#### **Yahoo! Stock Tracker (.NET, OAUTH, Yahoo! API)**

- Created a real-time, dynamic, NASDAQ tracking app for Windows phone and Windows 8.

#### **Rainmeter Organizational Suite (Lua, Rainmeter)**

- Desktop application that keeps track of prioritized list of tasks and apartment chores.

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### **Education**

- Bachelor of Software Engineering, University of Waterloo (2009), Co-operative Education Program