

# MURALI KULACHANDRAN

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## Objective

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

## Technologies and Skills

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- **Web Design:** .NET, MVC, NodeJS, React, Javascript, CSS, ASP, AMP, HTML5, PHP, Windows Apps, Flash, SharePoint, IIS, AJAX, Apache, Knockout, New Relic, Octopus, Teamcity
- **Programming Languages:** C#, C++, Java, Visual Basic, SQL, Entity Framework, Git
- **Operating Systems:** Windows, Ubuntu

## Work Experience

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### Software Developer – Travel Edge Inc.

- January 2017 – Present
- Maintained and developed features for the CRM/Sales Tool using a variety of web technologies: .NET (MVC & ASPX), NodeJS, SQL, IIS, Octopus.
  - Worked closely with the marketing team to improve SEO & PPC lead metrics of kensingtontours.com: Implementing 3rd party software, A/B testing, providing insights & website analytics.
  - With minimal affect on the business, successfully migrated entire production environment to a new multi-server, load balanced infrastructure.
  - Collaborated with other developers, project managers and project owners to deliver projects in a transparent, agile and timely fashion.
  - 2018 IT Top Performer Award, Social Committee Chair

### Software Developer – Ingram Micro Cloud

- February 2015 – July 2016
- Sole ownership of Report Generator and Cost of Goods application; tasked with development, maintenance, and obtaining technical requirements.
  - Improved existing application framework and built additional features using KnockoutJS, ASP.NET WebAPI, and Unity.
  - 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.
  - Was appointed Deployment Lead on multiple occasions entailing multiple responsibilities: communicating downtimes, assigning and auditing tasks, and coordinating developers before and during the development.
  - Filled-in for development team manager at departmental meetings and weekly team status updates.

### Application Developer – Union Creative

- June 2013 - November 2014
- 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 non-technical consumers.

- 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**

- 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.

November 2012 -  
June-2013

#### **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.
- Developed and deployed ASP 4.0 and MVC web applications for company websites, contest pages and promotional microsites.
- Created .NET console applications which automated email distribution, as well as logged various website errors and exceptions.

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.

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).

July 2010 -  
October 2010

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

- Connected the system's C# (.NET) backend to Velocity to provide more features and services for the product's front-end.

November 2009 -  
March 2010

### **Personal Project Experience**

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#### **SSE Concurrent User Trivia Bot (NodeJS, React)**

- [www.muralik.ca](http://www.muralik.ca) – Competitive multiplayer trivia bot able to support over 100 concurrent users.

#### **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.

### **Education**

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- Bachelor of Software Engineering, University of Waterloo (2009)