

# John H. Horton

FULLSTACK SOFTWARE ENGINEER

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## Overview

**Professional web and software developer** passionate about creating new and exciting experiences, enhancing the user journey, and exploring new technologies.

**Strong understanding of the full technology stack** needed for a successful website build and the integration tools necessary for the modern web.

## Skills

### Front-End

HTML / CSS / DevTools  
Javascript / jQuery  
Angular / VueJS / Socket.io

### Back-End

C# / .Net MVC, NodeJS  
PHP, Python, Kentico  
MySQL & MongoDB

### Miscellaneous

Version Control (Git)  
Embedded Electronics & IoT  
Arduino / Raspberry PI

## Employment

### Rise Interactive – July 2016 to Present

*Associate Manager, Full-Stack Developer – Creative & Development Team*

- Responsible for scoping and implementing enterprise level website builds for clients in the healthcare, education, insurance, and food industries
- Involved in client communications and training/mentorship of new developers
- Developed and launched multiple website projects such as:

*American Society of Mechanical Engineers – [www.asme.org](http://www.asme.org)*

.NET MVC e-commerce application featuring a dynamic VueJS checkout flow for purchasing documentation and registering for conferences / courses.

*Butterball Turkey – [www.butterball.com](http://www.butterball.com)*

Angular2 website redesign with a decoupled Drupal 8 back-end. New website resulted in < 2s load time and is built to handle the 5+ million visitors during the Thanksgiving holiday season.

*BrightStar Care – [www.brightstarcare.com](http://www.brightstarcare.com)*

Lead developer for a full website rebuild with content migration, migrating 300+ Wordpress sites (~18,000) pages into one Kentico CMS setup. Created back-end functionality to quickly launch new franchise websites on-demand.

*iptiQ Life Insurance – <http://learn.lumico.com>*

Architect and developer for an interactive life-insurance learning experience. Built an API and application to help quote life insurance based on user input.

### Federal-Mogul Corporation – December 2010 to July 2016

*Product Engineer & Database Administrator*

- Managed the project management database used by over 200 users globally
- Traveled to China, Belgium, and the UK to lead product development workshops and training sessions for international partners

## Side Projects

### Drawsaster – [www.johnventions.com/projects/drawsaster](http://www.johnventions.com/projects/drawsaster)

Web-based multiplayer drawing game where users take turns drawing and captioning images. Built on a VueJS front-end with an Express / Socket.io / MongoDB back-end.

### Pop-Cleveland! – [www.johnventions.com/projects/popcleveland](http://www.johnventions.com/projects/popcleveland)

Socket.io and Angular2 phone-based trivia game where players answer questions during a live show and compete against the rest of the audience in real time.

### Arduino Director – [www.johnventions.com/projects/director](http://www.johnventions.com/projects/director)

Open-source embedded electronics project for controlling and planning animatronic motion. Built with C++, Socket.io, and VueJS.

## Education

### Case Western Reserve University – Cleveland, OH

B.S. Mechanical Engineering, 2010

### Portfolio

[www.johnventions.com](http://www.johnventions.com)

### GitHub

[www.github.com/johnventions](http://www.github.com/johnventions)

### LinkedIn

[www.linkedin.com/in/johnhorton/](http://www.linkedin.com/in/johnhorton/)