Ryan Ferguson

5916 Gunbarrel Avenue Apt E
Boulder, CO 80301
ryanmferguson@protonmail.com

(c) 708-363-0822
ryanmichaelferguson.com
Github: fergusrm

SKILLS

-Client-side and server-side web application development
-SaaS API development
-Web accessibility (WCAG2.0)
-Responsive, adaptive, cross-platform, and cross-browser web apps
-Automated testing
-Agile Lifecycle (Scrum, Kanban) with client involvement
-Strong communicator with extensive client-facing demo experience

Languages and Libraries

-Strong: **JavaScript (React, Node.js, Angular)**, **C#**, jQuery, CSS (including Sass/Less), HTML5
-Intermediate: **Jest**, **Redux**, SQL, Mocha, Chai, Sinon
-Some experience: Vue, AngularJS, Python, C++, Java

Development Tools

-**Visual Studio Code**, **Visual Studio**, SQL Server Management Studio
-**Git**, SVN, Teamcity, **Jenkins**, **Bitbucket**, Postman

PROFESSIONAL EXPERIENCE

Markit Digital - IHS Markit, Boulder, CO   **Software Engineer**, Sep 2013 - Present

-Built and maintained 10+ SaaS APIs with 80-100% test coverage using Node.js (Express, OpenAPI)
-Created and delivered data-intensive responsive, testable, and accessible web apps using React/Angular
-Uplifted multiple mature client web sites using C# / .NET to meet WCAG 2.0 Accessibility standards
-Worked on mutliple Agile teams with direct client interaction
-Extensive production support for 10+ projects spanning many technologies

Total Solutions, Inc., Brighton, MI   **SharePoint Developer**, Jan 2013 - Aug 2013

-Developed new features for existing SharePoint systems in C# and ASP.NET
-Client-facing production support for one of our largest clients

EDUCATION

University of Colorado at Boulder (UCB)
   M.S., Astrophysics, 2012
-Developed software to process, analyze, and model astronomical spectra

Michigan State University
   B.A. with Honors, Astrophysics, 2009
-College credit in C++ and Java
-Thomas H. Osgood Undergraduate Physics Award, 2009