

# Ryan Ferguson

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## 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-demo experience

### Languages and Libraries

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

### Development Tools

- Visual Studio Code, Visual Studio, SQL Server Management Studio**
- Git, SVN, Artifactory, 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 and accessible web apps using React and Angular
- Uplifted multiple mature client web sites using C# / .NET to meet WCAG 2.0 Accessibility standards
- Worked on multiple 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