

Brandon McAlees

Passionate web development professional with a diverse set of skills in creating scalable web solutions from the ground up.

Rochester, NY

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Skills

- ✓ Object-oriented programming (C#, ASP.NET, .NET Core, MVC5)
- ✓ Agile development methodology (JIRA, Trello, SCRUM)
- ✓ Front-end web development (HTML, CSS, SASS, LESS, Bootstrap 3-4)
- ✓ JavaScript model view frameworks (ReactJS, AngularJS, VueJS, KnockoutJS)
- ✓ Database (SQL, MongoDB, Redis)
- ✓ Popular APIs (PayPal, Twilio, Facebook, Google Maps/Places)
- ✓ Source control (Git, Bitbucket)
- ✓ Unit testing (NUnit, Jasmine)
- ✓ Code reviews (Upsource, Crucible)
- ✓ Asynchronous programming
- ✓ Message queues (RabbitMQ)
- ✓ Game development (XNA, Canvas, ThreeJS)
- ✓ Adobe creative suite (Photoshop, Illustrator, Dreamweaver)
- ✓ Microsoft suite (Visual Studio 2013-2017, Word, Excel, Powerpoint)

Experience

Kodak Alaris, Rochester, NY – Web Developer (Front-end)

April 2018- Present (contract)

Lead front-end development of a web-app which allowed users to send pictures from their mobile device to an in-store kiosk.

Projects & achievements:

- ✓ Worked with designers to implement multiple user facing pages
- ✓ Refactored 2,000+ lines of listener based code and created easier to follow asynchronous services
- ✓ Built a highly regarded photo cropping tool using Canvas
- ✓ In my time here, we took the project through the MVP phase and into beta-tests

Our stack:

- ✓ C#
- ✓ ReactJS
- ✓ Redux
- ✓ LESS
- ✓ SQL

Brand Integrity, Rochester, NY – *Web Developer (Full-stack)*

January 2014 – April 2018

Worked in a small team of six developers to rebuild an employee recognition system from the ground up. Lead rapid prototyping and development of a new front-end, including multiple redesign projects.

Projects & achievements:

- ✓ Prototyped and implemented 50+ user facing and administration pages
- ✓ Designed and developed a highly configurable survey tool used by clients and customers
- ✓ Took a highly regarded homepage redesign project from concept to completion
- ✓ Integrated with multiple 3rd party APIs such as Yammer and Tango Card
- ✓ Scaled our application to support ~5000 users a day
- ✓ Served as SCRUM master

Our stack:

- ✓ C#
- ✓ ASP.NET MVC5
- ✓ KnockoutJS
- ✓ LESS
- ✓ MongoDB
- ✓ Redis
- ✓ RabbitMQ

Computer SOS, Buffalo, NY – *Web Developer (Full-stack)*

May 2013 - August 2013 (co-op)

Worked hands on with customers, supporting and developing a content management system for league management.

Projects & achievements:

- ✓ Created a team registration wizard to simplify the registration process, allowing you to duplicate or add players from pre-existing teams.
- ✓ Created a round robin scheduling algorithm with multiple variables and restrictions

Our stack:

- ✓ PHP
- ✓ MySQL
- ✓ JavaScript
- ✓ CSS

Education

Rochester Institute of Technology

New Media Interactive Development (B.S.)

Minor in Software Engineering

August 2011 - May 2015

Coursework focused on web design and development with a concentration in software design patterns and philosophies.

Projects

Pigeon Card

July 2018 - Present (www.thepigeoncard.com)

A seemingly simple web-app that sends a postcard of a user-uploaded photo.

- ✓ Hooked into multiple APIs (Instagram, PayPal, Lob, Google Places, Twilio)
- ✓ Using bootstrap utilities, however most of the site features custom LESS
- ✓ Used AngularJS for its dynamic html loading abilities, and since it plays nicely with .NET Core

CollegeWiz

April 2017- June 2018 (Not currently hosted)

A college finder that uses free, public data, provided by IPEDS, to filter colleges across the US.

- ✓ Responsible for close to 100% of the design decisions and implementation of the front-end
- ✓ Setup project from scratch and configured CSS libraries such as Bootstrap and Semantic-UI
- ✓ Used AngularJS to create a 30 question wizard for students and parents to help identify top schools

PikaMaps

July 2016 (Not currently hosted)

A Pokémon sightings page for Pokémon Go. Created at the height of the Pokémon Go craze, this map allowed users to enter and track Pokémon locations real-time.

- ✓ Designed the logo
- ✓ Responsible for close to 100% of the design decisions and implementation of the front-end
- ✓ Implemented a custom clustering solution
- ✓ 1,000 page views per day with over 2,000 Pokémon locations entered

References

Available upon request.