

Will Barrett

Web Developer

Goal: Have a new adventure. Change the world. Learn and grow. Have some fun doing it.

Professional Experience

Software Developer, Sqwiggle (sqwiggle.com) and Speak (speak.io), April 2014-Present

Full-stack developer on both the Sqwiggle and Speak projects. Employee #8 at Sqwiggle, #4 at Speak after the pivot/downsize (January 2015). Both teams were 100% remote. Both applications are WebRTC-based audio and video communications solutions (competitors to Google Hangouts, Skype, etc). Sqwiggle was a rather monolithic Rails application with a single-page web front-end, Speak a microservice- and event-source-based approach built in Ruby, Google Go, and JavaScript with RabbitMQ as the main transport layer. The Speak client is an installed, Electron-based application. I wear many hats: DevOps, programming, support, marketing, PR, customer research, product direction, etc.

Associate Instructor, Starter School, February/March 2014

Taught DevOps at Starter School - we covered server configuration and automated deployment of Ruby on Rails web applications. The class was established after the success of a one-day seminar presented to Starter League graduates.

Senior Software Engineer, Rouxbe Video Technologies (rouxbe.com), June 2013-March 2014

Worked as part of a remote team of three developers. Successfully accomplished development goals in a challenging environment with a large amount of inherited technical debt. Converted an existing small test suite to rspec, and greatly expanded test coverage. Created a provisioning system of bash scripts to allow for fast scaling in concert with the existing infrastructure, which precluded a more advanced approach.

Principal Consultant, Tall Green Tree Inc. June 2011-June 2013

Started and grew a product development consulting practice from a single consultant to a small team. Built web applications for startups in Chicago, San Francisco, and elsewhere.

Clients and Projects: Rentalutions.com, VentureMena.com, Byliner.com, DashScribe.com, VisitorLabs.com, TOS.io, bluebuzzard.com, pressedgarments.com

Web Developer, Schafer Condon Carter, June 2009-June 2011

Revolutionized development practices by implementing a bug tracking system, automating all deployments, introducing source control, backup systems, and advocating for standards-based web development. These practices saved the company from losing multiple clients, and from having to hire additional staff.

Clients and Projects: armourmeats.com, schaffercondoncarter.com, johnmorrellfoodgroup.com, margheritameats.com, eckrich.com, healthy-ones.com

Web Development Intern, Weber Shandwick, August 2008-October 2008

Cut my teeth on the Got Milk? campaign, and built a much-loved social media aggregator for the Detroit Pistons.

Clients and Projects: Got Milk? campaign, Chevy Aveo, Detroit Pistons, Florida Orange Juice, Vought Aircraft Industries

Independent Web Designer/Developer, February 2008-June 2009

Built CMS-based sites for multiple clients in the Advertising industry.

Clients and Projects: Weber Shandwick, Rand Media Group

Key Skills

Ruby, Rails, JavaScript, HTML, CSS, Automated Testing, Test Driven Development, Behavior Driven Development, User Interface Design, Agile Project Management, Relational Databases, NoSQL Data Stores, DevOps, Linux, Deployment Practices, Source Control, Continuous Integration, PHP, Web Analytics, Social Media Management, Content Creation, Programming Education,

Project Estimation, Small Business Management

Education

Master's Certificate, Graphic and Web Design, 2008

Studied graphic design principles, the Adobe Creative Suite, HTML and CSS, and print production.

B.Mus. Cello Performance, Peabody Institute of Music, 2007

Studied classical Cello performance under Alan Stepansky, former principle cellist of the New York Philharmonic.