

# Spencer Schneidenbach

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<http://schneids.net> – Blog

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## Languages

C#, JavaScript, TypeScript, VB.NET,  
F#, T-SQL, HTML, CSS

## Frameworks/Libraries

ASP.NET MVC/Web API,  
AngularJS, Angular2, TopShelf,  
RabbitMQ, jQuery, Xamarin

## Technologies

Visual Studio, Git, AppVeyor,  
Team Foundation Server, IIS, SQL  
Server w/ Reporting Services

## Employment

### Software Development Leader

Ryvit (December 2014 to present)

### Summary

Principal engineer and architect in charge of building and maintaining Ryvit integration platform. Team lead, mentor, and manager for team of four software engineers. Responsible for the technical roadmap and architecture/design of the platform. Reported directly to the CEO, acting as the liaison between executives and technical team. **Responsible for delivering platform vision and features while creating value and efficiency.**

### Notable achievements

Took product at a nascent stage and transformed it into full-fledged platform designed for scale. Built components of system around service-oriented architecture principles. Designed and helped implement external/internal web-based user portal from the ground up. End result: **increased time to market for integration services, decreased time to onboard subscribers.**

Technologies used: ASP.NET Web API, C#, Entity Framework, AngularJS, SignalR, RabbitMQ

### Duties and responsibilities

- Led team of four engineers to deliver platform and integration features in a fast-paced startup environment.
- Architected integration platform, including implementation of service-oriented architecture and message queueing to create efficiency and scalability, using enterprise best practices.
- Led effort to bring software development best practices to the team, including continuous integration/deployment, rigorous unit/integration testing, release management, and best-in-class tooling.
- Acted as mentor and manager to junior software engineers.
- Managed product backlog and sprints, helping to prioritize features, triage production issues, and monitor productivity.
- Worked with the CEO and sales leader to identify potential integration partners.
- Worked with partners before, during and after the sales process as the primary technical contact.
- Led presentations and creation of technical materials, including videos and brochures.

## Lead Developer/Analyst

Image Marketing Enterprises (October 2009 to December 2014)

### Summary

**Full stack developer in a fast-paced, results-driven environment.** Created business value with a diverse skillset and a focus on software and business innovation. Maintained a results-driven philosophy in all aspects of the development process. Provided invaluable and insightful business advice to stakeholders and managers.

### Notable achievements

Redesigned aging lead and call queue management application from the ground up. Used modern web design techniques in conjunction with modern JavaScript single page application framework to create a fast, fluid, and intuitive user experience free from page refreshes and cumbersome entry forms. Developed RESTful, HTTP-based backend written in C# using ASP.NET Web API and a SQL Server database. End result: **increase of up to 20% in productivity for telemarketing staff.**



Technologies used: AngularJS, ASP.NET Web API, Bootstrap, C#, JavaScript, SQL, HTML, CSS



Designed and developed internal mobile application that allows telemarketers to communicate with leads via text message in a secure, controlled manner. Used Xamarin, a modern frontend mobile framework for .NET, to rapidly create an application for both iOS and Android. Implemented RESTful HTTP backend using C# and ASP.NET Web API with push notification system. End result: **increased our show rate for appointments by up to 30% in some centers.**

Technologies used: Xamarin, ASP.NET Web API, SignalR, RabbitMQ, C#, SQL

### Duties and responsibilities

- Maintained and enhanced ASP.NET WebForms application used to manage lead and account life cycle. Integrated new technologies to enhance user experience, speed up development, and modernize application.
- Helped develop several customer-facing websites, including complete redesign of our main website and our payments website.
- Monitored
- Trained and mentored newly hired support staff. Helped develop skillsets in software development, business analysis, and customer service.
- Developed reports to assist managers in decision making, including writing the stored procedures and creating the visual design and layout of the report.
- Worked directly with end users and managers to gather and refine requirements.
- Managed product backlog with help of managers and key stakeholders.
- Led training sessions to educate end users on software, including business processes and best practices.
- Produced, wrote and recorded training videos for end users.

## Freelance Developer/Analyst

January 2012 – Present

### Duties and responsibilities

- Worked directly with stakeholders to gather information and business requirements. This included phone calls as well as face-to-face meetings with clients.
- Maintained positive relationships with clients. Ensured communication was timely and work was of quality and delivered on time.
- Wrote bids and proposals for features, enhancements, and new projects based on specs provided by clients.

### Notable projects

- Wrote and refined web scraping software to download product data for tens of thousands of products, including descriptions and pictures. This included extensive crawling of pages of search results and product categories.
- Developed HTTP service from the ground up that verified permissions for users between Active Directory and a proprietary authentication/identification system, complete with front end interface that allowed to search for and modify users and their permissions.
- Wrote web-based time entry system with complex business rule set using modern web development frameworks (AngularJS and ASP.NET Web API) with a SQL Server backend.
- Wrote library in C# to communicate with a RESTful HTTP service, including authentication and modeling the data that was sent and received.
- Enhanced e-commerce website written in ASP.NET. Wrote password recovery functionality and added in shipping cost calculator using the UPS API.
- Helped test and debug iPad apps that included in-app purchases. Used Fiddler to monitor network traffic to ensure that the proper tracking data was being sent from the app to server.
- Assisted in various other minor jobs that included web development assistance and writing stored procedures.

## Education

University of Missouri – St Louis  
Masters in Information Systems  
Graduation Date: May 2013



University of Missouri – Columbia  
Bachelors of Science in Business Administration  
Graduation Date: May 2009

