

JEREMY BOYD

ABOUT ME I have been building applications both for the web and PCs for more than 15 years, with a focus on the **Microsoft stack** and **ASP.Net/C#**. That doesn't mean I'm not awesome with **PHP** or **Java**, believe me, I am, they just aren't as modern or as rapid.

Over the last 8 years I have specialized in **developing** and **managing** the development of **high scale SaaS** products against limited hardware, the Microsoft Cloud, Amazon's AWS, and DigitalOcean, able to handle **millions of visitors** every day.

SKILLS & ABILITIES	C#	VB.Net	T-SQL	LINQ to SQL
	ASP.Net	ASP.Net MVC	SEO	jQuery
	JavaScript	HTML5	CSS3	PHP
	XML	XSLT	Visual Studio	Java
	NetBeans	WinAutomation	WinForms	HTMLUnit
	nginx	WordPress	Angular2	PhoneGap/Cordova
	Xamarin.Forms	Twitter Bootstrap	Cardboard VR	Salesforce CRM
	Scribe DTS	Google APIs	Twilio	MongoDB
	SignalR	Web Sockets		

I also know several esoteric tools and languages that no one would ever use in a real-world situation, but are fun to boast about over drinks with other geeks.

EXPERIENCE **WEB DEVELOPER, ELSAG N.A.**

April 2017 - Present

Worked on a team of 3 to add new high-performance features to the company's Automatic License Plate Reader software.

I primarily worked on the dispatcher feature used by law enforcement agencies across the world that would alert officers and dispatchers when a vehicle that matched a hotlist was caught on a camera. This feature had to remain responsive under rush-hour conditions in the UK, which sees over 1500 reads per second. I used SignalR and Web Sockets to handle the real-time communication between dispatchers, cameras, and the server.

I also implemented two advanced searches, one of which allows officers and investigators to search multiple locations and times in order to find commonalities between the searches, and the other which allows them to find vehicles that traveled in groups multiple times.

APPLICATION DEVELOPER, RELATED

February 2015 - April 2017

Project lead for multiple projects utilizing the full Microsoft Stack.

Worked with a team of 3 to develop a mobile app for iPhone and Android using Apache Cordova and the OnsenUI framework.

Took an internal operations app from concept to storyboard to production in Xamarin.Forms consuming RESTful API JSON responses from an ASP.Net/WebAPI backend.

Using panoramic photography, I created a Google Cardboard compatible 3D virtual reality slideshow for iOS and Android using Xamarin.iOS and Xamarin.Android.

Created an interactive touchscreen for the leasing offices of our luxury high-rise apartments using C# and the Windows Universal Apps SDK.

Lead the integration effort for a complete overhaul of the customer management experience utilizing multiple off-the-shelf components and custom API integrations with Salesforce and Yardi.

TECHNICAL LEAD / ENGINEER / PRODUCT MANAGER, HUMANKIND INTEGRATED COMMUNICATIONS

March 2008 – January 2015

Lead engineer and/or lead developer of more than 20 websites for Fortune 500 companies, local and state government and small to medium sized businesses.

Almost every site had to handle **extreme loads** either due to **high traffic** or heavy processes.

Managed both in-house and outsourced teams to build several offerings and services.

Retrofitted in-house CRM to integrate 90% of the features of InfusionSoft.

Implemented a **Single Sign On** solution for a number of related services with **integrated payments** and an e-commerce API.

PROJECTS

MesquiteCNS.com – Implemented an emergency notification system for subscribers using an SMTP to SMS gateway. (ASP.Net WebForms, C#, .Net 2.0, MSSQL Server 2005)

CrimeWeb.net – Worked on and maintained a **load balanced** cluster of web, data and email servers sending **SMS** alerts provided by local and federal agencies to civilian and press subscribers across the USA. In a given day more than 20,000 alerts went out. (ASP, ASP.Net, VB.Net, .Net 2.0, MSSQL 2000)

Related.com – Worked with on a team of 3 to develop and deploy the online portal for Related.com's luxury rentals line. The portal included many features such as online leasing, bill pay, maintenance requests, concierge service and a message board for the residents. (ASP.Net WebForms, SharePoint, C#, SQL Server 2008 R2, IIS7, XSLT, f5 Big-IP, Yardi Systems, jQuery)

HighPRSociety.com – Architected and developed a blogging platform that handles more than **2 million page views** per day on a single server with only 8 gigs of ram. Hosted over 2,000 blogs with an average of **10,000 blog posts** and 1,000 comments posted **per day**. (ASP.Net MVC, C#, SQL Server 2008 R2, IIS7, XSLT, jQuery)

Linklicious.co – Architected and developed a short linking service (similar to bit.ly) that had to handle more than **50,000 shortened links per second** being created and visited (or roughly **30,000x's faster than bit.ly**). (ASP.Net MVC 3, C#, SQL Server 2008 R2, IIS7, Windows Azure, SQL Azure, Azure Storage/Queues/DataTables, Twitter Bootstrap, jQuery)

ElasticPress.net – A cloud based WordPress hosting service that can handle **1000s of concurrent connections** per node. Tracked uptime, response time and allowed **on-demand scaling**. (ASP.Net MVC 4, C#, SQL Azure, Windows Azure, WordPress, Ubuntu Server, PHP 5.4, nginx, digitalocean)

MeebleMail.com – Worked with the client to design and scope out an email stationery and ecommerce platform with integrations with GMail, Yahoo!, Hotmail, Outlook 2007 and Outlook 2010. I built the ecommerce platform with tiered pricing discounts and various couponing options and a simple admin interface to contact customers, create new coupons and upload new designs. (ASP.Net MVC, C#, MSSQL 2008, IIS7, VSTO, Flash, GDI+)

SequenceMonkey.com – Created an email marketing tool with a robust API allowing companies to send newsletters, add contacts to sequences and segment them based on opens/clicks and bounces/rejects. It **tracked opens, clicks, and purchases** and graphed them all on a configurable line chart. The service was able to send out more than **2000 emails per second**. (ASP.Net MVC 3, C#, SQL Azure, Windows Azure, Azure Worker Roles, Mandrill, Twitter Bootstrap, jQuery)

Facebook List Builder – A simple user interface that allowed a user to search and find the most active/engaged users on Facebook for a given interest. They could then export that list and create a Facebook ad targeting those users. (ASP.Net MVC 4, Facebook.js, C#, SQL Azure, Windows Azure, Mandrill, Twitter Bootstrap, jQuery)

HeavyShift CRM – A custom CRM built for a reputation management company that **automated lead acquisition** and sending a sequence of emails, phone calls and snail mail. Utilized multiple 3rd party APIs to coordinate delivery times. (ASP.Net MVC 3, C#, Lob, Mandrill, Twilio, Azure DataTables, Azure Worker Roles, Twitter Bootstrap, jQuery)

H.K. RV – Designed and built a portal for RV dealerships with **click and drag design** elements allowing them to take complete control over the look and feel of their websites. Multiple skinning options, and default layouts allowed for a company to quickly spin up a site. (ASP.Net WebForms, C#, MSSQL 2008, IIS7, URL Rewriting Module, XML, XSLT)

Parking Platform – In 2009 we had around **2500 domains** that were pointing to nothing. I built a customizable parking platform that would pull in **niche-specific** YouTube videos, Google AdSense and other articles from around the web. The platform was able to completely **randomize the HTML/CSS** while still looking like a real blog, leaving **no discernable footprint** for Google to find. No setup was required, you just needed to point DNS to one of our **5000 IPs** we had from various hosting companies and upon first visit the site was created. (C#, Custom IIS7 Module, IIS7, XML, XSLT, SQL Server 2008)

Bullet Viral Traffic – A WordPress plugin that will **automatically post** the most viral articles based on your keywords. The backend houses over **a million viral articles** from the last 5 years. Querying and returning up to **200 articles** in less than **5 seconds**. (WordPress, PHP, MySQL, Full-Text indexing, Ubuntu Server)

LEAD WEB DEVELOPER, ECOM, INC.

July 2006 – July 2007

Led a team of 4 to build a contract management system to handle shipping contracts for ocean carriers.

Optimized queries and implemented AJAX loading to increase perceived responsiveness.

Rearchitected the database to be more efficient both with de-normalization (when appropriate) and removing rarely/unused indexes. Took the contract expansion and insertion (around 500k rows) time from 45 minutes to 5 seconds. And lookups against all contracts from 45 seconds to less than 1.

**TRAINING &
CERTIFICATES**

2004 – MICROSOFT OFFICE USER SPECIALIST FOR OFFICE 2000
2008 – YARDI SYSTEM’S DEVELOPER TRAINING
2009 – MSDN ONLINE ASP.NET MVC TRAINING
2012 – INFUSIONSOFT ACADEMY DEVELOPER PROGRAM
2013 – MSDN ONLINE WINDOWS AZURE PLATFORM TRAINING
2016 – XAMARIN CERTIFIED MOBILE DEVELOPER

REFERENCES

VINCENT LING

Director of App Dev
The Related Companies
vincent.ling@related.com
917.945.4670

TIFFANY WONG

Business Systems Analyst
Avanade
tiffanywong@gmail.com
646.430.3744

DENISE MCDONALD

Senior Applications Analyst
Silverstein Properties
dfpmcdonald@yahoo.com
201.705.9659