

Andy Kant | andy@andykant.com | @andykant

I am a **user interface architect** in Milwaukee, WI. I create user interfaces and experiences for web applications.

SKILLS

User Interface Engineering

Expert in **architecting cutting edge user interfaces and experiences** for web applications. I specialize in advanced JavaScript/HTML5 implementations. I am a core contributor for CanJS (<http://www.canjs.com>) and also contribute to other open source libraries. I have experience with most major JavaScript libraries (CanJS, Backbone, Angular, jQuery, Mootools, YUI, Prototype, Dojo). I have experience with many major back-end languages (Node.js, Ruby, C#, Java, Perl, PHP). I have used many different web servers (Apache, IIS, Lighttpd, Tomcat), databases (MongoDB, MySQL, PostgreSQL, SQLite, SQL Server, Oracle, DB2), source control solutions (Git, Subversion, Bazaar, CVS, SourceSafe, ClearCase, Perforce), and operating systems (OS X, Linux, Windows, DOS).

EDUCATION

Milwaukee School of Engineering

Bachelor of Science in Software Engineering · Milwaukee, WI · May 2006

Pursued the software engineering curriculum with an emphasis on web applications. Co-founded the Paintball Club and was a member of the Xtreme Club.

EXPERIENCE

Bitovi

Lead Architect · Remote (Chicago, IL) · Nov 2011 - Present

Assisted in designing the architecture and was a core contributor for CanJS (<http://www.canjs.com/>) and other open source libraries. Designed advanced rendering engine powered by HTML5 technologies including Canvas. Consulted for clients who use the open source libraries that Bitovi produces. Designed architectures, implemented user interfaces, managed project teams, trained, and mentored employees for Bitovi and clients.

JavaScript Node.js Canvas CSS HTML Google API Facebook iOS Android

Independent Consultant

User Interface Engineer · Remote (Milwaukee, WI) · Jan 2009 - Sep 2012

MapQuest: Architected and implemented much of the user interface that powers the new version of MapQuest (<http://www.mapquest.com/>) and MapQuest Map Builder. Assisted and reviewed the direction of the user interface and experience, in addition to designing some of the user interface and experience flows.

JavaScript CSS HTML Java MongoDB Facebook

Harley-Davidson: Maintained Harley-Davidson Ride Planner (http://rideplanner.harley-davidson.com/rideplanner/ridePlanner.jsp?locale=en_US) and migrated the codebase from Bing Maps to Google Maps. Architected and maintained a social media widget library used for rapid development of community sites. Led a team of developers and the direction of the product.

JavaScript CSS HTML Google Maps Java

CarSpot (AutoTrader)

Web Developer · Milwaukee, WI · Aug 2008 - Dec 2008 (company closed)

Developed and maintained components for the CarSpot web application. Provided user interface and experience direction for new features.

Lontra

Senior UI Engineer · Milwaukee, WI · Mar 2008 - May 2008 (company closed)

Hired to redesign the user interface and experience for the Lontra web application in order to increase the usability, performance, and marketability of the product.

WhittmanHart Interactive

Senior Front-end Developer · Wauwatosa, WI · May 2007 - Mar 2008

Architected and implemented the user interface as well as provided user interface and experience direction for the Harley-Davidson Ride Planner (http://rideplanner.harley-davidson.com/rideplanner/ridePlanner.jsp?locale=en_US).

GE Healthcare

Software Engineer (Service Platform, contractor) · Wauwatosa, WI · Jun 2006 - May 2007

Architected and implemented a remote service component that heavily reduced the operating costs of servicing medical devices. Architected support web applications for medical devices.

RedPrairie

Software Engineer (IT department, intern) · Milwaukee, WI · Feb 2005 - May 2006

Architected, designed, and implemented web applications for the corporate intranet.