

## Robert Walch

### Web and Mobile Software Developer

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### Summary

Web project lead with extensive product and services experience in media, advertising and mobile industries. Seeking to join a team of skilled individuals focused on making websites and applications with the highest standard of quality.

### Skills

- Front-End Development: JavaScript, HTML5 (CSS3, Canvas, Video/Audio, WebGL), AngularJS, Bootstrap, jQuery, SCSS/Compass, AJAX, JSON/XML
- Project Task Management: with NodeJS: Yeoman, Grunt, Bower, NPM, bash shell, HomeBrew package management on OS X, automated testing and site deployment
- Libraries and APIs: Google Analytics, Facebook SDKs, Twitter API, RESTful Web Services
- Back-End: Apache, PHP, MySQL, memcache, WordPress
- Bash shell, HomeBrew package management on OS X, automated testing and site deployment
- Source Control: Git, SVN
- Responsive Web Development: Chrome, IE, Webkit, Mozilla, iPhone, Android, multi-touch input handling, feature detection, HTML5 shivs and polyfills
- Media Encoding: ffmpeg, x264, mp4/webm/ogv, browser playback, http streaming
- Flash: ActionScript3, RobotLegs
- Familiar with: Objective-C, Java, iTunesConnect iOS app submission

### Experience

#### Freelance Consultant

7/2011 – Present

[robwalch.com](http://robwalch.com)

New York, NY

- Built responsive web page for desktop and mobile with site and build integration in mind
- Facebook Application Development with PHP and JavaScript Facebook APIs
- Capture key goal oriented campaign metrics with Google Analytics and other tracking tools
- HTML5 Game development and optimization

#### Tech Lead

2/2010 – 6/2011

## Luxurious Animals

New York, NY

- Lead Developer of campaign driven Flash/PHP/MySQL micro-sites
- HTML5 mobile website development for iOS and Android
- iOS app development and prototyping
- Setup and ran software versioning, website deployment, testing and bug tracking systems
- OpenGL optimization and programming for 2010 Esquire House real-time 3D installation

## Product Development Manager

7/2007 – 10/2009

### MTV Networks, Global Digital Media Group

New York, NY

- Mobile liaison for brands, tech teams and vendors (MTV, VH1, Comedy Central, Nickelodeon)
- Responsible for mobile product development from concept to delivery
- Define functional specs, content requirements, information architecture and interaction design
- Build and deploy applications to the App Store with iTunes Connect
- Flash and ActionScript development for websites, on-air, and mobile prototypes

## Application Development Manager

5/2005 – 7/2007

### Vetro Corp.

New York, NY

- Software development and wireframes for J2ME phones, BlackBerry, and Windows Mobile
- Database and XML schemas mobile application service endpoints
- GPS tracking, Bluetooth printer and barcode scanner applications

## Lead Developer

3/2003 – 5/2005

### SuperNova Productions

New York, NY

- CD-ROM and Web development with Director/Lingo and Flash/ActionScript
- Developed presentation software with synchronous video, slides and text

## Lingo Programmer / Multimedia Trainer

1999 – 2001

### Motion Over Time

New York, NY

- Computer Based Training CD-ROM development
- Certified Instructor: Macromedia Director 6-7, Flash 3-4, Dreamweaver 3, Fireworks 3

## Education

### College

1994- 1996

### The School of Visual Arts

New York, NY

Computer Art Major

## Additional Information

### Links

- Website <http://www.robwalch.com>
- GitHub <http://github.com/robwalch>

- Twitter [@robwalch](#)
- Google Plus <http://goo.gl/qu8eQD>

## **References**

Professional references will be provided upon request