

# Lee Green

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## Summary

**Software architect** and **full-stack developer**, experienced in creating **APIs** and **backend** systems for **web** and **mobile**. Proven **project leader** with a history of leading both employees and consultants. Passionate about **solving problems** with **elegant software** solutions. Adept at distilling **clear technical specs** from user requirements.

Over 5 years of **Ruby** experience, including **Rails**, **Rack**, and **Sinatra**. Skilled with **SQL (MySQL and Oracle)** as well as **Memcache / Redis**. Capable with **HTML**, **CSS**, and **JavaScript**. Experienced user of **Amazon** services (**EC2**, **S3**, **SES**). Comfortable in **Linux / UNIX**, as well as **OS X**. Addicted to version control with **Git**, reproducible development environments with **Vagrant**, and config management with **Chef** or **Puppet**.

## Experience

### Senior Software Developer

*TouchTunes*

Mar 2010 – Present

Montreal, Quebec

- The go-to guy for quick solutions, rapid prototyping, and exploration of new tech:
  - TouchTunes Presents — perform market tests before actual product development
  - Crowd-Sourced DJ, SXSW party — allow attendees to choose the music
  - Real-Time Analytics — evaluate analytics providers before full instrumentation
- Software architect and project lead for multiple 5-6 figure projects, including:
  - TouchTunesTV Canvas — completely customize in-venue messaging, include tweets
  - PhotoBooth — customize app graphics on a per-jukebox basis, add venue logo
- Software architect / lead developer for Barfly digital signage system
- Stepped in to lead the mobile / API team for 4 months, including on-time app launch
- Advocated for improvements to the development process, including Git and Vagrant
- Trained team members and coworkers; gave presentations promoting best practices

### Software Developer

*Barfly Interactive Networks*

Nov 2007 – Mar 2010

Austin, Texas

*Note: TouchTunes acquired Barfly in September 2008.*

- As engineer #3 of 4, created a digital signage system in less than six months
  - Features included intelligent scheduling and targeting, remote automated system

administration, dynamic data-driven media, real-time log delivery and processing

- Designed and implemented self-hosted SMS (text message) application
- Wore all the hats: client, server, databases, web apps, hardware, support in a pinch

**QA Engineer (contract)**

*Pervasive Software*

Feb 2007 – Nov 2007

Austin, Texas

- Performed manual and automated testing of database client and server software, including: licensing, installation, regression, and load / stress
- Improved testing framework and process, including automation of manual tests
- Developed automated tests using Ant, Perl, and STAF

**Software Developer**

*MixZing*

Jan 2006 – Feb 2007

Austin, Texas

**Software Developer**

*Steve Madere Consulting*

Oct 2004 – Feb 2007

Austin, Texas

## Education

**BS, Computer Engineering** at *The University of Texas at Austin*.

Aug 2006

- Concentrations: Microprocessor Design, Software Development
- Completed three hours of graduate coursework as part of undergraduate degree