

PROFESSIONAL  
EXPERIENCE

**HubSpot**, Cambridge, MA

*Senior Software Engineer*

**March 2009 – present**

Software engineer working on various projects for HubSpot's Internet Marketing software as a service product.

- Working on solving large-scale data problems to allow near-instant access to marketing data through API's for internal and external customers.
- Built several public REST-ful API's for retrieving and manipulating HubSpot objects; currently serving over 1m requests per day.
- Revised, extended and rewrote a complete Salesforce.com integration package to integrate HubSpot lead intelligence within a customer's Salesforce.com instance.
- Implemented and designed new rich interfaces using jQuery and CSS.
- Developed functionality to connect with and use information from Twitter, LinkedIn and Facebook.

**Jobulous**, Remote

*Lead Web Engineer*

**August 2008 – February 2009**

Lead engineer on a site for reviewing employers

- Developed an interactive website from initial concept to final execution and public launch.
- Developed a system to query and store users responses to a job review quiz, including limiting access before they completed and allowing resumption of quiz upon returning to the site.
- Extended the basic Helma framework for web development.
- Used the JavaScript Prototype Object model to create and extend Database-backed objects in Helma.
- Used client-side libraries such as jQuery to create animation effects, auto-complete on form elements and more.
- Setup and administered a cluster of Amazon EC2 instances and several S3 stores for hosting, backup, and content delivery.
- Divvied up tasks between members of a geographically dispersed team.

**Element55**, Boston, MA

*Software Engineer*

**January 2007 – August 2008**

Engineer responsible for building integrations to law firms capture more accurate billable hour estimates

- Developed primarily in PHP and SQL, but also worked with Visual Basic, JavaScript and BASH scripts.
- Created a custom FreeBSD-based virtual machine for redistribution on VMWare, Xen and Microsoft Virtual Server platforms.
- Built, deployed, and upgraded in-place virtual machines remotely for clients.
- Optimized virtual machine performance through caching of database query results and re-factoring of SQL queries.

**Red Hat Inc.**, Westford, MA

*Clustering Group Intern*

**Summer 2006**

- Built and tested a new web interface for cluster service and resource management.
- Installed and tested new hardware for cluster suites.
- Continued independent work on personal project AJAX-Charts for inclusion in CONGA.
- Created performance manager module for CONGA using AJAX-Charts.

EDUCATION

**University of Massachusetts, Boston**

*Bachelor of Science*

**2007**

- Majored in Computer Science with a minor in Mathematics
- Overall GPA: 3.46, Major: 3.43
- Awarded the Taffee Tanimoto prize for Outstanding Service to CS Department and Students