

Experience

Software Engineer *CloudHealth Technologies / Boston, MA / Apr. 2017 - Present*

Designed, developed, and supported CloudHealth's cloud management SaaS application in a rapid-growth, agile environment.

- Developed a new 3rd-party integration for Slack during CloudHealth's Fall 2017 Hackathon event and won third place via a company-wide vote. The prize included time and resources to deploy the project, making it a permanent addition to the platform.
- Collaborated in a self-driven, interdepartmental team to support CloudHealth's AWS service offerings, which include cost and usage reports and asset management tools, while utilizing Ruby on Rails, MySQL, Elasticsearch, and in-house Ruby-based reporting frameworks.
- Worked within the Scrum framework to write, review, test, deploy, and monitor code for both features and bug-fixes on a two week sprint cycle with daily releases.
- Communicated directly with customers to obtain feedback and improve the usability and quality of delivered features.

Software Engineer *SiteSpect, Inc. / Boston, MA / Dec. 2013 - Apr. 2017*

Developed and enhanced SiteSpect's digital optimization platform with a large-scale user base utilizing all of the LAMP stack technologies.

- Helped lead the development of a new UX-focused client portal which included close collaboration with the design team. Implemented a new, responsive interface using Perl-based TT2 templates, SASS-based stylesheets, and AngularJS modules that integrated with SiteSpect's Admin REST API.
- Worked closely with the product team to evolve and scale the existing Admin API and to create and launch a new REST-based Engine API.
- Utilized Agile and Scrum methodologies, in conjunction with JIRA and SVN softwares, to track, manage, and deploy code within a weekly release schedule.
- Performed peer code reviews and deployed Jenkins CI harness and performance testing software to optimize code.

Web Developer *Freelance / Albany, NY & Boston, MA / Jan. 2010 - Mar. 2015*

Worked with various local clients to develop dynamic websites utilizing WordPress.

- Redesigned and developed a website for an Albany-area start-up, which allowed them to better manage and update their web presence.
- Collaborated with a graphic designer to launch a website for an Albany-area food blogger. Created a custom recipe indexing feature to better organize content and improve users' search capabilities.
- Designed, developed, and launched a website for a Boston-area client with no previous web presence, allowing them to showcase their portfolio of work in an elegant, user-friendly way.

Web Developer *KathodeRay Media, Inc. / Greenville, NY / Jun. 2011 - Nov. 2013*

Collaborated with a team of designers, developers, and marketing professionals to create dynamic and engaging websites for a diverse client base.

- Designed and implemented modern, UX-driven websites with interactive social features and mobile-friendly architecture for clients with no prior web presence or limited budgets.
- Worked with WordPress, as well as an in-house PHP-based framework, to deliver user-friendly interfaces and develop custom features to meet clients' specific needs.
- Coded website templates, themes, plugins, and other web applications using PHP and MySQL databases in conjunction with HTML, CSS, and JavaScript.

Summary

Software Engineer with 7+ years of experience building UX-driven SaaS platforms and client websites. Diverse projects include building and integrating REST APIs, working with large-scale MySQL databases, and creating dynamic front-end social user interfaces. Experienced with version control systems, Agile and Scrum environments, and collaborating with multiple departments both in person and remotely. Excellent presentation and communication skills.

Education

Master of Science

Human-Computer Interaction
Rensselaer Polytechnic Institute
2009 - 2011

Bachelor of Science

Electronic Media, Arts, & Communication
Concentration: Interaction Design
Rensselaer Polytechnic Institute
2006 - 2011

Featured Projects

EM Slack Tableflip

An application for the Slack platform that allows users to easily send table-flipping emojis in a chat. Built with the Python-based Flask framework and deployed using Heroku. Has 3,700+ users.

EM Beer Manager

A beer management plugin for WordPress with custom post types, taxonomies, widgets, shortcodes, and admin settings. Integrates with the Untappd API to provide beer data and social features. Has 400+ active users and 6,800+ downloads.