

Gregory Alexander Houchens

Software Engineer

Fast results, iterative feedback and well-designed architecture are critical to my development approach. After years of working with and managing other software engineers in high intensity collaboration environments - I have adopted efficient & agile strategies for product development. Solving key software architecture issues is what I do in my free time; it is my passion. I am always looking for opportunities to add value and innovate.

Contact

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Skills and Technologies

Languages

- Javascript (ECMAScript 6)
- PHP
- SQL
- JSON
- Regular Expressions
- SVG
- AJAX
- HTML5
- CSS3

Frameworks & Libraries

- Ember.js & ember-cli
- jQuery
- LESS
- SASS
- D3.js
- Semantic-UI

- Bootstrap

Databases

- CouchDB
- Postgresql
- MySQL
- MongoDB
- Architecture & Administration

Platforms & Backend

- Koa.js
- Websockets (Socket.io)
- Node.js
- Apache
- Express

Technical Strategy

- AJAX + Model View Control
- REST API design & protocol
- Agile + Test Driven Development + Pair Programming
- UI/UX Design Architecture
- Data modeling and DB schema construction (EAV, NoSQL, Relational)
- Mobile driven and responsive design
- Use Cases

Production Tools

- Git
- SVN
- Sublime Text
- Vim
- HuBoard, Waffle.io
- Linux (Distributions: centOS, Redhat, Fedora, Debian, Ubuntu), Mac OSX

Professional Experience

Intel® Corporation (2013 to present)

Supplied through Kelly Services OCG (Outsourcing and Consulting Group)

UI/UX Front-End Software Engineer

- Ember.js + Ember Data + ember-cli web application framework utilized and maintained to latest releases.
- Developed analytics web UI for big data enterprise software (Intel® SAA) concerning monitoring of physical and virtual cloud infrastructure.
- Creation of analytics chart visualizations by developing integrated D3 ember.js addon components.
- Designed interface to handle immense data flow to be made visually digestible in different ways.
- Conformed to REST JSON API specification standards (<http://jsonapi.org/>)
- Currently developing a full stack web application framework as an ecosystem of ember-cli add-ons (emphasis: WebSockets, couchDB, ember-cli), for extremely rapid deployment of full stack web applications.

Crosby Interactive & U.S. Publishing Inc. (2009 to 2013)

Full Stack Software Engineer

- Worked on long term, sophisticated, enterprise level MVC framework projects, some of which utilizing AJAX and HTML5 content delivery in a programming team environment.
- Built, and extended e-commerce websites using Magento, Sunshop, PHP, XML, Javascript, HTML, AND SASS
- Lead as project manager in a programming team environment that was constantly motivated by strict deadlines.
- Database administration and Linux server administration.

Vionic Media (2008 - 2009)

Engineering & Co-founder

- Installed and managed a video advertising kiosk network within shopping malls.
- Responsible for networking, graphic design, and programming remote content delivery and synchronization to multiple networks.

Jacobs Energy (2007)

Web Designer and CMS Administrator

- Coordinated and modified many Joomla! component and plugin extensions for achieving complex company goals.
- Managed all design of company websites in multiple projects.