

# Jason Gallagher

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*Front End Engineer (Full Stack Javascript)*

## SUMMARY

- 20 years of experience in all stages of web development, from concept to production
- Solid understanding of client/server web app development, FP, OOP, MVC, REST and JS frameworks
- Excellent and up to date skills in user interface development
- Solid full stack skills in Node.js, LAMP, devops and deployment
- In depth knowledge of cross browser issues, desktop/mobile performance, accessibility and SEO
- Strong background in design, typography, color, layout, user experience and user habits
- Drupal/Wordpress theming and module development

## TECHNICAL SKILLS

Coding (partial list): javascript es6+, typescript, html, css, react, redux, react native, node.js, express, angular, webpack, jest, enzyme, jquery, stripe, sass, bootstrap, git, postgresql, mysql, mongo, redis, nginx, sequelize, graphQL, websockets, AWS, lambda, docker, terraform, ansible, serverless framework, php, drupal, wordpress

Applications: Webstorm, Phpstorm, VS Code, Photoshop, Illustrator, Indesign, Microsoft Office

Operating Systems: Mac, Windows, Linux

## PROFESSIONAL EXPERIENCE

Portfolio: <https://jasongallagher.org>

### Tatteeasy, Redwood City, CA

#### *Full Stack Engineer*

- Worked with a small startup to plan, develop and design a universal/server rendered React application from scratch that allows users to create and purchase tattoos either from a collection or using a tattoo builder. High resolution tattoos (both vector and bitmap) are preserved throughout the process and printed via the backend on special equipment to be mailed to the customer.
- Created a tattoo builder from scratch where users can create custom tattoos, save them to an account and/or purchase them. Once saved, tattoos can be edited, deleted, and/or purchased again.
- Custom shopping cart and checkout integrated with Stripe Custom Elements and a Node.js backend.
- Administrative control panel for viewing and editing orders, updating status and batch printing. PDF creation with an algorithm to combine customer orders efficiently to save expensive tattoo paper.
- Batch image uploader with fields for maintaining the Tatteeasy image collection and more.
- Tech stack: react, redux, node.js, express, postgresql, stripe, fabric.js, pdfkit and html/css.

### Relola, Emeryville, CA

#### *Front End Engineer*

- Worked with a team of developers to create a complex real estate listings and social networking product with angular.js and ruby on rails.
- Application involves a nationwide real estate search and listing directory with comprehensive mapping, property/agent details, and user submitted reviews and information. Company data is merged with various apis including Listhub, Google Maps and more. Primary responsibility was creating the UI and angular logic from beginning to end for a single page application.
- Tech stack: angularjs, javascript, ruby on rails, postgrsql and html/css.

### Weaved, Palo Alto, CA

#### *Front End Developer*

- Worked with a hardware and software startup focused on Internet of Things technology.

- Revamped and upgraded their portal allowing users to connect to their IoT devices. Developed the front end and contributed to designing a new UX. Also performed miscellaneous front end development to several online properties as needed.
- Tech stack: javascript, jquery, ajax, localize.js, php, html/css.

## **Octopos, Paris, France**

### ***Web Development and UI Design***

- Helped develop several Wordpress and Joomla internal portals for GE. Converted several portals to be responsive and mobile friendly.
- Designed UI/UX for a General Electric search portal utilizing Google Search Appliance and Joomla. Worked with senior GE team managers to fine tune the project over many iterations.
- Maintained and added features to a number of GE intranets and portals in Wordpress and Joomla.

### ***Beta tester, Documentation and Forum Moderator for Seblod CCK (open source extension for Joomla by Octopos)***

- Testing and bug reporting for an advanced object oriented php application.
- Documentation writing and Forum support.

## **Terra Global Capital, San Francisco, CA**

### ***Web Development***

- Developed, themed and managed a Drupal based site and company intranet deployed on AWS.
- Implemented a workflow for adding client managed sub-sites as well as custom publishing workflows with Workbench. Has a large amount of views, custom javascript and animations.
- Incorporates Drupal multi-site, Workbench, CCK/Fields, Views, Location and Google Maps api.
- Tech stack: drupal, php, mysql, javascript, jquery, html/css, bootstrap, less

## **Ecole Bilingue de Berkeley, Berkeley, CA**

### ***Responsive Web Development, Drupal, Site Administration***

- Maintained and managed [www.eb.org](http://www.eb.org), a large public site and intranet portal with user groups and secure areas for faculty, staff, teachers, parents and students.
- Developed, themed and maintained [www.aefa-afsa.org](http://www.aefa-afsa.org) a mobile friendly database of French bilingual schools in Drupal for partner organization AFSA.
- Tech stack: drupal, joomla, php, mysql, javascript, jquery, html/css, Juga ACL and Photoshop.

## **Monticello Property Management, Fremont, CA**

### ***Responsive Web Development and Drupal***

- Developed a mobile friendly Real Estate listings database for Monticello Property Management from concept to deployment.
- Extensive filterable listings and multiple Google Maps views in Drupal. Some modules used included CCK/Fields, Views, Entity Reference and custom development
- Tech stack: drupal, php, mysql, html/css, javascript, jquery.

## **Saint Patrick's Seminary and University, Menlo Park, CA**

### ***Web Development, Joomla, Group Training***

- Developed and designed [www.stpatrickssseminary.org](http://www.stpatrickssseminary.org), a public site and intranet with user groups and secure areas for management, faculty, staff and students, from conception to deployment.
- Conducted multiple group trainings for staff and faculty and provided ongoing maintenance.
- Tech stack: joomla, php, mysql, javascript, jquery, html/css, noix acl and photoshop.

## **Kitchen Sisters, San Francisco, CA**

### ***Web Development, Dreamweaver and Photoshop Training***

- Maintained and managed [www.kitchensisters.org](http://www.kitchensisters.org) for the producers of an award winning NPR series.
- Provided training in Dreamweaver and Photoshop and technical support to staff for several years.

## **EDUCATION**

- Certificate in CIS (Graphic Design), College of Marin, 1999.
- 5 years full-time study at the Ali Akbar College of Music (unaccredited institution) in San Rafael studying North Indian Classical music on violin and vocals.