# **EXPERIENCE**

**HitRECord** Increased the HitRECord webserver scaling of add compute by 20x, Software Engineer from a previous ~10m to ~30s by updating the deployment of a tradi-Apr 2019 - Present tional Ruby on Rails app to a containerized deploy using Kubernetes on AWS EKS, with horizontal node and vertical pod scaling.

> Worked on the decoupling of a legacy AngularJS from a Rails monolith, to an Angular 8+ SPA, that is now on upgrade path towards Angular Universal and SSR.

**Event Farm** Test Drove the re-architecture of the API code base, decoupling the Senior Software Engineer codebase from CakePHP 2.x, to a PHP 7 application built using Domain Sept 2018 - Apr 2019 Driven Design based on CQS principles. The project is routed through Laravel and maintains over 85% code coverage.

Software Engineer

Feb 2016 - Sept 2018 Authored middleware applications for internal and external projects in languages from Golang to Node.js and PHP, all independently deployable as separate working pieces that would consume our REST API.

> Headed the custom integrations between Event Farm and Salesforce, creating a market leading integration between the two platforms. The PHP interface to the Salesforce Rest API we used built for the integrations and has been open sourced and made available on Github.

Created auto generating API Client Libraries (SDK's) for the Event Farm API in PHP, TypeScript, Golang + Python. These libraries are dynamically generated by our CI tool, Jenkins.

**Digital Canvas Design LLC** Manages web servers and applications for clients, historically built and Owner, Software Consultant deployed LAMP/LEMP stacks, currently bouncing between Golang, Jan 2014 - Present Node.js + PHP7 depending on the project.

Professional Freelancer Constructs sites for clients with varying complexity, from simple static Aug 2008 - Dec 2013 HTML websites, to custom built solutions using PHP + MySQL.

> Deploys and secures Linux and BSD servers ranging from firewalls to webservers and NAS machines both internal and external.

**Web Services LLC** Led team of 4 developers on SaaS application in an Agile environment. Full Stack Web Developer Focusing on Ad Agency's working with Analytics for TV Campaign June 2014 - Oct 2015 Spending. Compared TV call-to-actions compared to brand responses.

# **EXPERIENCE (CONT.)**

Developed web applications for local and national news stations to engage the public generating ad revenue at the same time as brand recognition. By scraping government data, we built applications that ranged from Adopt-A-Pet listings to Restaurant Inspections.

Maintained LAMP stacks on CentOS dedicated private server receiving anywhere from 10,000 to 1,000,000 daily requests.

Ace Printing & Graphics Designed and created graphics for banners, billboards, logos, and Graphic Designer websites while communicating with clients to create projects from May 2011 - Dec 2013 concept to finished, printed works.

Florida Sea Grant Coauthored a PHP + ¡Query + Google Maps based interactive survey to Web Developer gather data for two PhD students. The data was used to research Jan 2012 - July 2012 community uses of the Sarasota Bay and the Ace Basin.

**Student Game Day LLC** Collaborated on the front-end and design of a custom built web app Web Developer / Designer using embaressingly old-school procedural PHP. A combination of Aug 2008 - Dec 2010 Ticketmaster + Craigslist, for buying + sellinging student college football tickets.

### **EDUCATION**

University of Florida Bachelors of Fine Arts 2013 Digital Media

## **SKILLS**

Front End TypeScript, JavaScript, ES6, Unit/Integration Tests, (S)CSS, React, Vue, Angular, React Native, NextJS, SSR, Electron, Webpack. Refactoring.

Back End Node.js, TypeScript, PHP, Golang, Ruby, Unit Testing, TypeScript, OOP/Functional, MySQL, noSQL, Firebase, OAuth2/JWT, REST, Ruby on Rails, Laravel, Data Mapper. Refactoring.

Ops Docker, Swarm, K8s/Helm/Flux, Golang, Bash/ZFS, Debian/Ubuntu, ZFS, PFSense, LEMP, Nginx, Load Balancing, SSL, Cron/Queues, SQL.