# Jordan Running

*I MAKE WEB APPS.*

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## What I Do

I solve tough problems, without creating new ones, by applying a broad skillset developed through constant iteration and passion for the craft of web development.

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## How I Do It

### Front-End Craftsmanship

A flawless back-end isn't worth building if the user experience is frustrating and inconsistent. Modern tools and methodology enable me put the user first as a rule, not an exception.

### Back-End Fundamentals

Expertise in Ruby and Ruby on Rails lets me do great work, but also tells me when they're not the best tools for the job. My diverse background gives me the ability to pick up the tools I don't yet know, quickly.

### Communication & Collaboration

Writing and speaking clearly about complex and subtle ideas is essential to being an effective team member, as is recognizing my teammates' strengths and opportunities to share my own skills and knowledge.

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## What I've Used

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|---|---|---|---|---|---|
| JavaScript | ●●●● | Ruby | ●●●● | Mac OS X | ●●●● |
| Backbone.js | ●●● | Ruby on Rails | ●●●● | Linux | ●●● |
| jQuery | ●●●● | HTML5 | ●●●● | Windows | ●● |
| Git | ●●● | CSS3 | ●● | | |

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## What I've Done

### Pearson
**Contract Software Engineer**

July 2012 – Present

I built SAFE, a Rails application that ensures administrators of company systems and facilities are notified and take appropriate action upon the end of employees' and contractors' employment. Its features include:

- Retrieving and classifying "termination" records from H.R.'s Oracle database of tens of thousands of workers.

- Routing and scheduling email notifications, reminders and escalations according to user-defined rules.

- Asynchronously processing uploaded CSV files containing account records and matching them to H.R. records. Records are matched by user-configured fields and, in the absence of an exact match, close matches (selected by a "fuzzy matching" routine implemented with Sphinx) are presented to the user for confirmation.

- A front-end using Backbone.js and Bootstrap, with a focus on usability and responsiveness (both challenges when presenting hundreds of records and complex configuration options to the user).

Backbone.js  Bootstrap  CSS3  Delayed::Job  Handlebars.js  jQuery  MySQL  Ruby on Rails  Sphinx

## Independent Contractor
### Software Engineer
October 2010 – July 2012

- Designed and implemented a registration app for merchant services clients of Tag Creative Studio. The five-step wizard had more than 70 interdependent fields and strict validation on the front- and back-end.  `Ruby on Rails`  `jQuery`  `CSS3`  `MySQL`

- Implemented from a precise specification a Node.js application for initializing, managing and communicating with other applications as directed by remote clients using JSON commands over a socket interface.  `Node.js`

- Prototyped a web front-end and Node.js back-end for a Redis-backed English–Spanish translation database for Componica.  `Node.js`  `Redis`

- Designed and prototyped a social networking and live chat product in Ruby on Rails, backed by MySQL and Redis.  `Ruby on Rails`  `jQuery`  `MySQL`  `Redis`

## Cramer Development
### Web Application Developer
July 2009 – September 2010

- Developed and maintained large, public-facing web applications like DIYSEO (now UpCity) and e-commerce sites like VetRxDirect in Ruby on Rails and PHP.

- Designed and implemented a Ruby client for a complex third-party API which gathered search engine data for DIYSEO.

- Profiled and optimized complex queries on databases with hundreds of millions of records.

- Worked directly with clients for whom an hour's downtime equaled thousands of dollars' lost revenue.

`Ruby on Rails`  `PHP 5`  `Prototype`  `MySQL`

## Digital Artefacts
### Software Developer
October 2008 – July 2009

Designed and implemented an interface for uploading and manipulating images for CognitiveMedia, initially in Flash with a PHP backend, then again in JavaScript and ASP.NET/C#.

`ActionScript 3`  `PHP 5`  `JavaScript`  `C#`  `ASP.NET`

## Where I Studied

From 2000 to 2004 I attended Cornell College in Mount Vernon, IA and earned a B.A. in Computer Science and Art.

## Where To Find Me

jrunning on GitHub          Stack Overflow          LinkedIn