

# Alden Daniels

CELL (512) 915-0410 • EMAIL [alden@aldendaniels.me](mailto:alden@aldendaniels.me) • WEBSITE [www.aldendaniels.me](http://www.aldendaniels.me)<sup>1</sup>

## Profile

I design and build rich web applications that are easy for both developers and end-users to reason about. I've been doing this for a while (6+ years), and I'm pretty good at it. My skill set combines technical leadership with user-interface design and product engineering.

I specialize in JavaScript driven front end development, but I'm also experienced in back end technologies including NodeJS, Python, and MySQL. I thrive on collaboration; I enjoy training other developers and I take every opportunity to learn from others. I hold a B.A. from LeTourneau University.

## Skills

- ✓ JavaScript (ES2015)
- ✓ HTML5 / CSS3 / LESS
- ✓ React, Knockout
- ✓ RequireJS, Browserify
- ✓ jQuery
- ✓ JS Build Tools (Gulp)
- ✓ NodeJS / Express
- ✓ Python / Django
- ✓ MySQL
- ✓ Amazon Web Services
- ✓ User Interface Design
- ✓ Elicitation of User Requirements
- ✓ Test Driven Development
- ✓ MVC, MVVM, & Flux Architectures
- ✓ Responsive Design
- ✓ Web App Performance Tuning
- ✓ Web-based RTF Editing
- ✓ Operational Transformation (OT)
- ✓ Git, Subversion
- ✓ French Language

## Projects

[Continued on Page 2](#)

### **Codr.io** (personal side project)

2013 - 2014

Codr.io allows remote users to concurrently edit code in real-time. Built on NodeJS & Express, Codr.io uses a built-from-scratch OT (Operational Transformation) algorithm and leverages many modern browser APIs / libraries including Web Sockets, HTML5 History API, Post Message API, Local Storage, LESS, RequireJS, QUnit (for testing), jQuery, and the Ace editor to achieve great performance and clean code. Codr.io also includes integrated HTML editing/preview tools and real-time chat.

### **Technical Consulting** (Investortools)

2012 - 2014

Worked extensively with two institutional financial firms based in Boston and New York City to customize bond management and credit management systems created by Software Builders and sold by Investortools, Inc. Gained experience in soliciting client feedback and designing new features in an iterative development process to meet time-sensitive client requirements.

---

<sup>1</sup> I am NOT associated with [aldendaniels.com](http://aldendaniels.com)

## Projects

(Continued)

### **CoArchive** (Software Builders)

2012 - 2014

Developed Software Builder's CoArchive product as a part-time contractor, working on both front end and backend features. CoArchive is a SaaS backup & recovery solution service for Google Apps built on Django/MySQL and hosted on Amazon AWS. CoArchive is built to handle large amounts of data and scale to multiple EC2 machine instances. CoArchive integrates with Google Apps via OAuth APIs. I also designed an advertising website for CoArchive.

### **InvLink** (Investortools)

2012

Fulfilled a lead developer / designer role in the development of InvLink, an internal communications web application which integrates with Asterisk PBX, combining phone and PC status with online chat and direct dialing features. InvLink is built on a Comet connection to a Python server and uses jQuery on the client-side.

### **Web-based RTF Editor** (Investortools)

2011 - 2012

Fulfilled a lead developer role in the development of a built-from-scratch WYSIWYG RTF editor for the web written entirely in JavaScript. Every time you hit a keystroke, the editor captures the browser event, cancels it, and makes the change on an internally stored JSON document. Then, the editor selectively re-renders the DOM. This low-level approach to editing is challenging, but results in a less bug-prone editing experience. Used Test Driven Development, writing thousands of lines of automated tests during development to spec features prior to building them.

### **CoSlate** (self-employed)

2010 - 2011

Developed CoSlate, a learning management system targeting higher education. Built on Django/MySQL, CoSlate delivers a streamlined experience to compete with the legacy systems prevalent in higher education. Features include grading, class assignments, calendar, and integrated class discussion. CoSlate was acquired by Software Builders in 2011. Development was subsequently halted.

## Employment

OneSpot, Inc.

2014 - Current

Investortools, Inc.

2011 - 2014

Software Builders, Inc. (part time, contract)

2012 - 2014

Attended LeTourneau University & founded CoSlate

2009 - 2011

Software Builders, Inc. (part-time)

2008 - 2009

## Education

LeTourneau University, Longview, TX

Bachelor of Business Administration (B.A.)

Graduated Summa Cum Laud with honors (3.99 GPA)