

Education and Experience

BS Computer Science
University of Detroit Mercy
2008 - 2012

Software Consultant
Atomic Object LLC
2013 - Present

Tools and Technologies I've Worked With



Stuff I'd Like to Use More



About Me

My Website

hi.thisis.al

My Github

github.com/scottaj

Blog Posts

spin.atomicobject.com/author/scott/

Things I Value In My Work

- TDD
- Inclusive office culture
- Good Developer Tools
- Engaged product owners
- Static typing
- Collaborative problem solving
- Learning from people with more experience
- Emacs
- Mentoring others
- Transparency
- Input on architecture and technical decisions
- Pragmatism
- Working on Open Source
- Full-stack development

Things I Try to Avoid

- Placing blame
- Salesforce
- Technology stacks that are hard to maintain
- Working by myself
- Siloing knowledge
- Office politics
- Architecting for problems that don't exist
- Large egos
- Xcode
- Bottom up design

Selected Projects

RezPlot Campspot (2015 - 2016)

Technologies

- NodeJS
- Loopback
- MySQL
- AngularJS
- Mocha
- Protractor

Project Description

Full stack development on a campground reservation and management system. I worked on a team of 6 developers, a designer, a project manager, and a product owner. The backend was a NodeJS app using the Loopback framework and the frontend was an AngularJS app.

I helped introduced automated testing to the project and and finalized some features for the initial release. After the initial release I helped streamline the project infrastructure and development processes and move towards a second, wider release.

RouteOne Desking (2014 - 2015)

Technologies

- Java
- DropWizard
- Spring
- ElasticSearch
- JUnit
- JavaScript
- Backbone
- Marionette
- Jasmine

Project Description

Full stack development on a greenfield auto dealership desking application. At its largest, the team included 11 developers, 3 testers, 2 business analysts, a designer, a project manager, and a product owner. The app used a three layer architecture — a rich javascript app written in Backbone on the frontend, a collection of DropWizard services on the backend, and a Spring MVC app that sat in between.

In addition to doing full stack development, I helped onboard several new developers on to the team. I also gave a company wide presentation on our frontend technology stack.

Selected Projects (continued)

Lear Consumer Clinic (2013)

Technologies

- Objective C
- iOS
- socketIO
- KIF
- Kiwi

Project Description

A short project to build an iOS app used to demo new research being done at Lear to company executives. The team consisted of 2 developers, a designer, and a product owner. The app used the socketIO protocol to communicate with and manipulate a specially outfitted car seat.

The project was greenfield and was completed on budget in only 3 weeks.

Groupon Merchant Services (2013)

Technologies

- Ruby
- Rails
- Rspec
- Cucumber
- JavaScript
- Backbone
- Marionette
- Mocha
- Salesforce Apex

Project Description

I with Groupon's merchant services division to support, enhance and replace internal tools used by sales reps and account managers. Initially this consisted of doing support for an existing Salesforce Apex application. Eventually, the project changed to a greenfield project to unify and replace said application and several others. The team consisted of 4 developers and a product owner. We also collaborated with closely with several other internal teams maintaining apps we were interfacing with or replacing. The app was a Backbone/Marionette single page application served by a Rails backend.

This project also included a backend component that had to interface with a number of different applications and apis, including salesforce. The frontend also had to integrate widgets and workflows from existing internal applications.