

I am a software engineer and entrepreneur with a breadth of experience, including mission critical internal business applications, web apps, mobile apps and embedded systems. In addition to being a strong technical contributor, I love building teams and mentoring junior engineers. In recent years, I've worked mainly on iOS applications, and look for projects with unique technical challenges.

## Key Development Skills

• iOS and Mac OS X development in Swift, Objective-C, C++, C	• Unix and Linux development in C with make, Autotools, Subversion and Git
• Relational database design on Oracle, MySQL, PostgreSQL and SQLite	• Front-end web development using HTML, CSS, JavaScript, jQuery, Backbone
• Extreme Programming (XP) and agile development, TDD, pair programming	• Back-end web development in various languages using HTTP and RESTful principles

## Key Experience

### **Able Pear Software**, Burlingame, CA

#### **Founder and principal developer**, 2008 to present

As the primary developer of a boutique consulting firm, I am responsible for all aspects of iOS development for both internal and client projects. As founder, I am responsible for managing all aspects of this small business.

### **Pivotal Labs**, San Francisco, CA

#### **Agile software engineer**, 2005-08, 2011, 2013-14

I worked for Pivotal Labs on three occasions on a variety of projects, including web-based HR and CRM systems in Java, a hybrid web/Android app and a JavaScript front end for a big data application. I mentored client engineers and taught project management and software development best practices.

### **Square**, San Francisco, CA

#### **iOS software engineer**, 2012

I worked with Square's hardware team to build iOS libraries for connecting to the Square Stand POS system and prototype chip card (EMV) reader. I created iOS test and diagnostic apps and collaborated on communication protocols.

### **BMW Technology Office** and **Mindtribe Product Engineering**, Palo Alto, CA

#### **iOS software engineer**, 2009-10

I developed innovative technology to connect iOS with the automotive head unit by proxying TCP connections over the external accessory connector using the EAF framework. I also created a debugging server running on the head unit.

## Key Education

### **Stanford University**, Palo Alto, CA

One year of graduate study in mechanical engineering, 1994-5  
Focus in smart product design (ME218).

### **New Jersey Institute of Technology**, Newark, NJ

BS, Mechanical Engineering, 1991