



JUSTIN SCHULTZ

[just-in sholtz] (noun) a software engineer, architect and product guy with an eye for design and the fine details. Open source contributor.

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GitHub: [jmschultz](#)
[Android Development Blog](#)

Skills

Expert

Java, Android API, Test-Driven Development, Jenkins, Agile Methodology, Gradle, OOP, Git, C#, .NET / ASP.NET, SQL, REST, WebSockets, Pusher, Design Patterns, Software Architecture

Experienced

HTML5, CSS3, Javascript, Kotlin, jQuery, Ruby, Rails, PHP, Python, MySQL, SQL Server, Sqlite, Linux/Unix Server Environments, Perl, Amazon Web Services, Dependency Injection, Twitter Bootstrap, R Programming

Intermediate

Flask, C, C++, Objective-C, Swift, Bash

Last updated: 1/2/2017

Experience

Android Lead / Consultant (2015 - 2016) @ [eero](#) – San Francisco, CA

Built and helped design eero's Android app using model-view-presenter, dependency-injection, Dagger 2, Retrofit, Gradle, Flow, Mortar, OkHttp and RxJava. Guided the product team to implement important mobile features like feature-flags, analytics, broadcast messaging and forced-upgrades. Worked with executives, customers, product managers and designers to build a top-shelf Android-specific experience. Managed a team of remote engineers and helped hire and mentor junior engineers locally to replace myself.

Director of Engineering (2014 - 2015) @ [Luxe Valet](#) – San Francisco, CA

Helped design and build Luxe Android app using dependency-injection, the model-view-presenter pattern and cutting edge material design. Created and streamlined a funnel for recruiting and automated parts of the recruiting pipeline. Worked with Google to promote the Android app and get it featured during the keynote at Google I/O 2014. Used Google promotion and tech events to recruit and hire a top-notch team. Fixed a few iOS bugs in Objective-C and Swift.

Android Lead / Architect / Product Lead (2012 - 2014) @ [Hotel Tonight](#) – SF, CA

Architected and built the HotelTonight Android app using the action bar design paradigm, fragments, the sliding drawer pattern and the model-view-presenter pattern. Translated the app to five languages and built versions for 7 and 10-inch tablets. Conducted product testing and championed a release process to ensure a production error rate of less than .02%. Worked with Google to secure two seasonal and two Editor's Choice promotions in Google Play. Delivered a panel on Android design at Google I/O 2013 with Roman Nurik and Nick Butcher. Recorded a DevBytes video on Android design at Google HQ. Managed a team of three Android engineers and worked with stakeholders to define requirements and prioritize deliverables. Built Ruby on Rails API to allow Google+ sign-in and Google Wallet transactions. Designed and built an Arduino circuit to automatically tweet when the HT gong is rung.

Senior Android Engineer / Architect (2011 - 2012) @ [Breezy](#) – Oakland, CA

Worked as senior Android engineer on Breezy's primary mobile printing product, using the model-view-presenter pattern, [Robolectric](#), ACRA, Git, and the Jenkins continuous integration server. Wrote on-device document encryption using Rijndael and RSA encryption, and conducted product beta testing. Championed weekly code-review process. Built printer connector software using C#, WPF, Pusher and WebSockets. Built LDAP integration using Ruby and Rails.

Lead Software Engineer / Architect (2008 - 2010) @ [Dow Jones, Inc.](#) – Minneapolis, MN

Designed and developed large-scale Portfolio application to present metrics for an investment portfolio using WCF, .NET 3.5 (C#), Ajax, YUI, CSS, jQuery and Javascript. Architected and developed RESTful web service to search for executives, companies, and financial instrument information using WCF, and .NET 3.5 (C#). Championed brown bag lunches for design pattern training and discussion.

Lead Software Engineer / Architect (2007 - 2008) @ [Wells Fargo, Inc.](#) – Minneapolis, MN

Designed and developed a document disposition system to automate the disposal of 45+ million paper loan documents per month. Used Oracle, PL/Sql, C# and several design patterns to write a rule engine and the business objects layer for the disposition system. Championed several Agile processes including test-driven development, and conducted Agile training for the project managers and business analysts. Championed design artifact standardization by conducting UML training, and setting up a Wiki.

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Instructor / Trainer (2001 - 2007) @ [Hands on Technology, Inc.](#) – Chelmsford, MA

Delivered Java, J2EE, XML/XSL, OOAD, ASP, C#/VB.NET, PHP, Perl, HTML, Javascript, and C Language training to several fortune-level companies including Kraft Foods, Accenture, and the United States Air Force, and in our public training centers world-wide. Aided in the development of ASP, ASP.NET, C#, Java, J2EE and XML course materials and labs. Wrote PHP Programming course from the ground up, including student guides, lab guides, and electronic solutions.

Projects

Open Source [Android Pusher Client](#), [Android Robolectric Unit Test Project](#)

I built an open-source Java / Android client for Pusher that's being used in the development of several Android games and real-time applications, and a boilerplate Android unit-testing project (among others).

Other

Extensive Agile coaching experience. Solid understanding of Git. Lover of Gang-of-Four design patterns. Followed by Jason Calacanis on Twitter.