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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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 proje   ct 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.