Charles Fulton

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Summary

Results-oriented software developer and research professional with sixteen years experience in both development and research positions. I make it my goal to create software with the user in mind, creating applications with a useable and intuitive user interface experience. I also understand the importance of creating highly readable and easily maintainable source code. I am constantly striving to learn new technologies and look to ways to better myself in this rapidly changing industry.

Technical Skills

Languages: Objective-C (4); Groovy (2); Java (16); JavaScript (10+); JSON (5); C (5); SQL (17); Perl (10); PHP (2); HTML (17); Bash (17)
Databases: MySQL (10+); Netezza (3), Oracle (10); Postgresql (5); SQL Server (8);
Development Software: Xcode (5), Eclipse (10); Git (3)
Technologies: RESTful web services (4); Grails (3), Jersey (3), Rails (1), Java Frameworks (17), multiple JavaScript frameworks (5);
Application / Web Servers: Tomcat (15); Jboss (5); Apache (10) ; LAMP (10+);
Platforms: Mac OSX (10+); UNIX/Linux (17);
Cloud services: Amazon AWS (EC2, RDS, S3) (2), Parse (1)

Work Experience

Independent & Contract iOS Development
Dates: 2009 – Present
- **Revelry** – Helping with app redesign. Addressed performance in multiple areas. Added image caching, and tuned calls to Parse. App is built upon Parse backend.
  https://itunes.apple.com/us/app/revelry/id650168769?mt=8
- **workSmart iBreeze** – Universal app. Helped fix some issues with iOS7 support and other misc bugs. Started work on v 1.1.15+, successfully submitted multiple updates to app store for client.
  https://itunes.apple.com/us/app/worksmart-ibreeze/id423004568?mt=8
- **GuildBrowser App** – My iPad app released on Apple app store July 2013. Sample app used in the book iOS6 By Tutorials. App consumes Blizzard RESTful web services using the JSON data returned. https://itunes.apple.com/us/app/guildbrowser/id585268037?mt=8

Sr. iOS Developer, Quantisense Inc.
Dates Employed: 05/2011 – Present
- Performed in a Lead developer role on an enterprise iOS app for lululemon. App allows employees to scan store inventory to display real time point of sale, e-commerice, and nightly data warehouse data. Featured remote device configuration by consuming RESTful web services to pull down store specific app settings.
- Created custom internal iOS framework utilized by all iOS apps. Framework included support for multiple scanning implementations including linea-pro 2d / 3d hardware scanners and the ZBar library.
- Created custom internal "apple store" to deploy iOS builds via sites created by jenkins jobs for multiple internal enterprise and ad hoc signed apps.
- RESTful web services development with grails.

- Developed seasonal planning web app using the gwt and smartgwt (core java) frameworks for CMRG / DXL Inc.
- Cloud server management via AWS.

Sr. Java Developer, Premier Inc.
Dates Employed: 12/2008 – 05/2011
- Successfully reduced the bug backlog for Quality Measures Reporter (QMR), fixing issues found in Javascript, Struts2 Actions, Spring, and Hibernate areas.
- Participated in the successful release of the QualityAdvisor and OperationsAdvisor - Department Benchmarking Report, using the agile development methodology.
- Designed and implemented Quality Advisor header, feature menu system, and User Admin area using Sruts2, Spring 2.5, Spring, Jsp pages, and the Dojo Javascript framework.
- Developed web services with Struts2 Actions using JSON to connect with Dojo on the client side.
- For all projects coding responsibilities involved all areas of development including front end (Dojo/Javascript/JSP), middleware (Struts2/Spring), and backend (Hibernate / Stored procedures).

Software Engineer, Science Applications International Corporation (SAIC)
Dates Employed: 01/2003 – 12/2008

R&D UNIX Specialist, The Dow Chemical Corporation
Dates Employed: 05/2001 - 01/2003

Computational Chemist, Union Carbide Corporation
Dates Employed: 05/1997 - 05/2001

Education

Marshall University
Huntington, WV 25755
B.S. in Chemistry, 1996

References available upon request

Publications

Fulton, Charles, others iOS 6 By Tutorials - http://www.raywenderlich.com/store/ios-6-by-tutorials - Contributed chapters on automated unit testing with Xcode and CI server.

Fulton, Charles, others iOS 7 By Tutorials - http://www.raywenderlich.com/store/ios-7-by-tutorials - Contributed chapter on networking with NSURLSession

Tutorial Team member and Site Advisor for raywenderlich.com: Contributed both iOS and Cocos2d tutorials to help the iOS community.

Conferences

- WWDC – Apple World Wide Developer Conference Attendee 2012
- WWDC – Apple World Wide Developer Conference Attendee 2013