STACEY ADAMS

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SUMMARY

- Expert Android developer with 8 years experience in the mobile industry, and a total of 20+ years using diverse programming languages
- Extensive involvement in all aspects of development, from concept design and primary development to product release and user support
- Adept at translating business requirements into technical solutions
- Proven ability to lead development teams and collaborate with business partners

TECHNICAL SKILLS

Programming Languages — Android SDK, Java, Perl, Python, Delphi, C/C++
Web Development — JavaScript, jQuery, Node.js, PHP, ColdFusion, HTML, CSS, Apache
Web Services — RESTful, SOAP, XML, JSON
Databases — SQLite, MySQL, MS SQL
IDE — Android Studio, Eclipse, Xcode, Visual Studio
Software Lifecycle Management — Git, Subversion, Jenkins, JIRA, Gradle, Travis CI
Agile Methodologies — Scrum, Kanban, Requirements Analysis, User Story Development, Estimation
Other — Mentoring Junior Developers, Object Oriented Design, User Experience Design, Prototyping

EXPERIENCE

Freelance and Open Source Development — *Android Developer*   Jul 2016 – Present

Field Interview Android App
- Developed app to record field interviews, in compliance with Dept of Justice rules on electronic evidence

Refuge Restrooms Android App
- Improved user experience of existing app by applying Material Design guidelines
- Increased maintainability by simplifying code, removing redundancies and replacing deprecated code
- Updated gradle build script to generate separate app version for debugging

Android Utility Apps
- Created custom app to display resume content using Material Design principles
- Designed app to securely generate list of passphrase words from large dictionary
- Created new Android TV app to blank the viewing screen while in screen saver mode
- Developed app to add home screen Widgets to access Google Search and Google Voice Search
- Implemented continuous integration using Github and Travis CI

Appirio
- Created new app using native Android SDK in Android Studio, implementing Material Design principles
- Utilized RESTful services and JSON processing to access back-end SalesForce servers
- Worked closely with client to meet design requirements and develop technical design for app
- Performed code reviews with remote team members via Google Hangouts and Skype

Geospatial Analytics
- Improved existing Android app by correcting errors and adapting app to new hardware
- Collaborated with project managers to provide estimates and recommend solutions

Sprint — *Lead Android Developer* Jul 2013 – Feb 2016

- Developed bill payment functionality for self-service app using native Android SDK in Android Studio
- Utilized RESTful services to process JSON and XML from back-end payment services
- Created custom Android views using Material Design principles to display customer data at a glance
- Improved performance of self-service app by 10%, reducing network load on backend servers
- Worked closely with product owners and project managers in Agile environment (Scrum and Kanban) to create user stories, provide estimates, identify potential problems, and recommend solutions
- Mentored 2 development teams of 3 developers per team, performed peer code reviews
- Tested and debugged both Android and iOS mobile apps as well as back-end Java services
- Managed code versions and build process using Git and Jenkins
- Collaborated with other programming teams using JIRA to ensure timely delivery of final production code

Straxis Technology — *Lead Android Developer* Aug 2010 – Jul 2013

- Created Android mobile apps for more than 80 universities, colleges, k–12 schools, and culinary schools
- Developed multiple user interfaces for apps using native Android SDK in Eclipse
- Streamlined Android build process to allow quick customization
- Engineered RESTful content management system with JSON and XML feeds for mobile access
- Tested and debugged both Android and iOS mobile apps
- Deployed production app releases to Google Play Store
- Directed an international team of 3–5 developers, establishing coding standards and peer code reviews

Adams Manor Consulting — *Owner and Lead Developer* Feb 2007 – Sep 2013

- Created and published 6+ Android apps, including local restaurant menu and electronic prayer book
- Developed 10+ websites using PHP and MySQL, including streaming video site for non-profit organizations, custom job listing site, property maintenance site, and direct mail management system
- Built social networking management web site, interfacing with Facebook, Twitter, and YouTube
- Translated Perl programs into PHP
- Updated and enhanced image processing application in C++

Straxis Technology — *Application and Web Developer* Feb 2007 – Jun 2009

- Enhanced and maintained social networking system for prospective university students
- Administered web servers with Apache/PHP/ColdFusion/MySQL
- Developed web server monitoring software scripts

Williams & Williams — *PHP/MySQL Application Developer* Dec 2005 – Feb 2007

- Created new task management system and enhanced existing auction management system
- Developed custom XML web services to integrate with third parties
- Administered web servers with Linux, Apache, MySQL, and PHP (LAMP stack)

MicahTek — *Senior Systems Analyst, Acting IT Manager* Apr 1995 – Nov 2005

- Managed workflow and project assignments for a team of 4–5 programmers and 2 network admins
- Launched and completed Y2K remediation solutions for in-house software
- Created e-commerce web interface to legacy inventory databases using ColdFusion and PICK BASIC
- Designed new version of donor management software, documenting business logic of legacy system

EDUCATION

Oral Roberts University

Bachelor of Science, cum laude, Mathematics, Biomedical Chemistry, minors in Computer Science and Biology