

STACEY ADAMS

🌐 stcy.xyz 🌐 staceyadams.me
✉ stacey.belle.rose@gmail.com
🌐 linkedin.com/in/StaceyAdams1
🐙 github.com/staceybellerose

SUMMARY

- ◆ Expert software developer with 10+ years experience in the mobile space, and a total of 25+ years using diverse programming languages
- ◆ Extensive involvement in all aspects of software development life cycle (SDLC), 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, mentor junior developers, and collaborate with business partners

EXPERIENCE

SnapIT Solutions — Senior Software Engineer

FEB 2019 – NOV 2022

- ◆ Led Android/Java/Kotlin team of 4 developers to enhance a patient portal mobile application
- ◆ Led Ruby/Rails/ReactJS team of 4-8 developers creating microservices, REST APIs and UIs for secure access to patient portal site
- ◆ Mentored 10+ junior developers and apprentices in an Agile environment, established coding standards, taught using pair programming, performed code reviews
- ◆ Interfaced with product owners to translate business requirements into technical design documents and create user stories for team
- ◆ Created Ruby on Rails microservices to provide secure data access through a standard interface to white-label patient portal
- ◆ Developed DSL to simplify repeated rspec blocks for API unit tests
- ◆ Built several screens for popular health information Android app, integrating back-end API calls into existing app infrastructure
- ◆ Developed several open source IoT apps using Python and Linux

Freelance & Open Source Work — Android Developer

JUL 2016 – FEB 2019

- ◆ Developed Android app to record field interviews, in compliance with Dept of Justice rules on electronic evidence, using Java and Android SDK
- ◆ Improved user experience of Refuge Restrooms Android app by applying Material Design guidelines
- ◆ Increased maintainability by simplifying and refactoring code
- ◆ Updated gradle script to generate separate app version for debugging
- ◆ Created app to display custom resume content using Material Design principles and JSON data storage
- ◆ Designed app to securely generate list of passphrase words
- ◆ Created new app to provide a way to blank the screen on Android TV
- ◆ Implemented continuous integration using Github and Travis CI

TECHNICAL SKILLS

PROGRAMMING LANGUAGES

Kotlin, Java, Ruby, Python, JavaScript, Android SDK, bash scripting

WEB DEVELOPMENT

Rails, ReactJS, jQuery, Node.js, Apache, HTML, CSS

WEB SERVICES

REST APIs, SOAP, JSON, XML

DATA SCIENCE

Jupyter Notebooks, Pandas, NumPy, Matplotlib, Rstudio, Scikit-Learn

DATABASES

SQLite, MySQL, PostgreSQL, MS SQL

IDE

VS Code, Android Studio, IBM Watson Studio, Eclipse, Xcode, Visual Studio

SOFTWARE LIFECYCLE MANAGEMENT

Git, Subversion, Jenkins, JIRA, Gradle, Travis CI, GitHub, GitLab, Docker

ADDITIONAL SKILLS

Agile Methodologies: Scrum, Kanban
Requirements Analysis
User Story Development
Project Estimation
Object Oriented Design
User Experience Design
Prototyping

EDUCATION

IBM

Certificate, Data Science Professional

MICROSOFT

Certificate, Data Science Core

ORAL ROBERTS UNIVERSITY

Bachelor of Science, *cum laude*
Mathematics, Biomedical Chemistry
minors: Computer Science, Biology

continued

- ◆ Developed package installer for MacOS and Linux using bash scripts, Homebrew, and deb/apt
- ◆ Developed homescreen widgets to access Google Text and Voice Search

Appirio

- ◆ Created new Android app using Material Design principles, RESTful services, and JSON processing to access back-end Salesforce servers
- ◆ Worked closely with client to meet design requirements, and developed technical design for app

Geospatial Analytics

- ◆ Improved Android app by correcting errors and adapting to new devices
- ◆ Collaborated with project managers to provide estimates and recommend solutions

Sprint — Lead Android Developer

JUL 2013 – JAN 2016

- ◆ Developed bill payment functionality for Sprint's self-service Android app, using Java and Android SDK
- ◆ 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 in an Agile environment
- ◆ Tested and debugged both Android and iOS mobile apps as well as back-end Java services
- ◆ Managed code versions and build process using Git, Jenkins, and shell scripts
- ◆ Collaborated with other programming teams using JIRA to ensure timely delivery of final code to production

Straxis Technology — Lead Android Developer

AUG 2010 – JUL 2013

- ◆ Created Android apps for more than 80 universities, colleges, k-12 schools, and culinary schools
- ◆ Developed multiple user interfaces for apps using Java and Android SDK
- ◆ Streamlined Android build process using shell scripts to allow quick customization
- ◆ Engineered RESTful content management system with JSON and XML feeds for mobile access
- ◆ Deployed production app releases to Google Play Store
- ◆ Directed an international team of 3-5 Android developers, established 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 Linux, 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 Linux/Apache/PHP/ColdFusion/MySQL
- ◆ Developed web server monitoring software scripts