

# Aaron Spalla

Android Developer

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## Contact

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## About

Linkedin  
[Aaron Spalla](#)

Github  
[minispalla](#)

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## Work

### Pursuant - Touchpoint

Remote - Senior Android  
Developer

2020-03-09 - Present

<https://www.pursuant.com/>

I managed, fixed and built tooling for the Touchpoint Android App

- Helped publish 13 Android App versions with a wide range of features and fixes.
- Helped triage Linux server issues to get web front-ends and API backends working.
- Built a Fastlane script that automated builds for Android and iOS. This Saved Touchpoint Annually ~\$90,000 and 6 months of developer time.
- Diagnosed and fixed stand-alone Kotlin desktop application that was having websocket issues.
- Helped Performed Interviews to help Touchpoint hire a new software engineering director.
- Performed major refactors on core functionality to improve performance.
- Worked with team members(in different timezones) to meet deadlines and specification requirements.
- Participated in frequent code reviews and had my code improved and improved others.
- Participated in daily standups and sprint reviews to improve processes and brainstorm solutions to issues.
- Developed and improved my skills in Kotlin, Retrofit, Jq, Charles Proxy, Unit-Testing, and Android architecture (MVC, MVVM).
- Spent time learning C# to help make mobile APIs that interfaced with the native mobile clients.
- Spent time learning React Native to re-implement native mobile apps into one code base.

### WonderKiln

Remote - Lead Android Developer 2019-07-05 - 2019-09-05

<https://wonderkiln.com/>

I performed a significant code review for CameraKit, and double-checked certain functionality was correct.

- Developed and improved my skills in Kotlin, Android NDK, and Unit Testing.
- Helped build out some of the demo application for CameraKit.

### Pzizz

Remote - Lead Android Developer 2018-02-22 - 2020-06-01

<https://pzizz.com/>

I managed and fixed everything relating to Android for Pzizz.

- Performed major refactors on core functionality and built out new features.
- Worked with team members(in different timezones) to meet deadlines and specification requirements.
- Improved the app from an 80% crash-free rating to a 99.5%-99.8% crash-free rating.
- Implemented and helped with application updates that increased product revenue by 2-4x.
- Participated in group brainstorms to help come up with solutions to issues and new features that would benefit Pzizz.
- Spent time removing technical debt using tools like Sonarqube and Sonarlint.
- Participated in code reviews and had my code improved and improved others.
- Developed and improved my skills in Kotlin, Android NDK, Unit Testing, Superpowered, Retrofit, and Android architecture (MVC, MVVM).

## Independent Information Technology Contractor

IT Contractor

2017-01-24 - 2019-05-22

On demand IT service for businesses and personal use

- Help small businesses with all computer issues, maintaining equipment, diagnosing problems, custom solutions, and networking.
- Provide IT Services(diagnosing, fixing, or rebuilding) for personal use.

## Cryptech Studios, Inc

Remote - Lead Android Developer 2016-12-24 - 2017-06-20

<http://cryptechstudios.com/>

Managed and developed for Android Applications

- Developed skill parsing APIS(Rails) with Retrofit.
- Continued learning how to make custom item user interfaces with the JSON Data.

## Jarvus Innovations

Remote - Android Developer

2015-12-02 - 2017-01-20

<http://jarv.us/>

I was the main Android developer and finished all tasks relating to Android.

- Completed projects for Kudzoo, Comcast, and Campbell's.
- Developed skills in Picasso, Android Support Library(Appcompat), basic graphic design, JSON, and Ruby on Rails backends.

## GrammaCards

Software Engineer

2012-08-04 - 2015-11-25

<http://grammacards.com/>

Completed programming, technical setup, problem solving, and linking between systems.

- Built the Android App, Backend(Python+MySQL), and REST API(PHP)
- Automated payment and billing into the backend.

## Affordable Solutions, LLC

Partner

2008-06-02 - 2014-08-13

Provided technical support and developed scripts to automate tasks.

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## Education

St. Joseph's College (IN)

2008 - 2009

- CMP111 - Intro to Computer Science
- CMP112 - Intro to Computer Science
- CMP221 - Data Structures
- CMP344 - Design and Analysis of Computer Algorithms

Ivy Tech Community College

2008 - 2010

- CIS113 - Logic, Design and Programming
- CINT201 - Advance Operating Systems Linux

## Skills

### Programming Languages

- Android
- Java
- C Programming
- Ruby
- Python
- Javascript
- Ruby on Rails
- PHP

### Android Libraries

- Retrofit
- GSON
- OkHttp
- EventBus
- Picasso
- Firebase
- Superpowered
- SpongyCastle

- Bash(Shell Scripting)
- C#
- React Native

- TrueTime
- Crashlytics
- Facebook Login
- LeakCanary
- Chuck

#### Tools

- Git
- Charles Proxy
- SonarLint
- SonarQube
- jq
- Visual Studio Code
- Android Studio and Eclipse
- Fastlane
- JUnit

#### Operating Systems

- Linux(Linux+ Certification 2010)
- Proxmox
- Windows
- Mac OSX

#### Databases

- MySQL
- SQLite
- Firebase

#### Misc

- Graphics Design
- Networking
- Computer Hardware
- Computer Security

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## Languages

English

Native speaker

## Interests

Homebrewing Kombucha

Computer Security - Capture the Flags

Reading

Music

Chess

Computer Automation

Python Development