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| ObjectiveA forward-thinking developer offering more than 7 years of experience building, integrating, testing, and supporting Android applications for mobile and tablet devices on the Android platform seeks position with a top technology firm. I have enhanced my software development skills at US Bank, Anthem, FedEx and CarMax and others where I have worked on my Java and Kotlin skills. I have a wide range of experience in a number of fields which has allowed me to grow as a person and now looks forward to beginning his career as a software developer. |  |
| Work History**SR ANDROID DEVELOPER/LEAD**US BANK / Minneapolis, MN / JUN 20 – Present<https://play.google.com/store/apps/details?id=com.usbank.mobilebanking> * Added a kill switch to prevent features from showing up for customers until all State Farm related features are ready to ship
* Use Retrofit to connect to a backend API to identify which users are originally from State Farm
* Feature team of 20 people including 3 iOS devs, 3 Android devs, UX, PO, API, testers, scrum master
* Worked in two-week sprint cycles with PI every 6 sprints
* Connect to our AEM backend API using retrofit
* Display a list of Alliance partners using RecyclerView
* Pass data between contact us pages using Bundle
* Update global toolbar to support showing an image asset
* Display the State Farm logo on the toolbar of account dashboard if the account was originally from State Farm.
* Display the State Farm logo on the account cardview on the customer dashboard if the account was originally from State Farm
* Change environment for testing purposes during development through appCenter
* Organize a short regular meeting in the morning with only the android developers to check status and keep our offshore android developer up to date.
* Map phone numbers with account types the user has to allow the user to call the relevant help line.
* Work closely with the iOS team to ensure designs align between iOS and Android
* Assist in code reviews of pull requests with all android developers on the team and the lead android developer
* Work closely with the testers on the team to ensure new features are free of bugs.
* Add functionality to the global toolbar to support adding an image icon to the toolbar title
* Create the authenticated flow for the Contact Us feature for State Farm alliance and any other alliance partners acquired in the future.
* Connect Contact Us to backend API to allow Contact Us using retrofit and load the Contact Us content into a Recycler View
* Create a reusable itemview using cardview so all Contact Us options have the same look.
* Document features in confluence to help other developers gain a clear understanding of how features are set up.
* Use ktLint to ensure code pushed by developers follow formatting guidelines and are free of unnecessary code.
* Update JIRA as tasks are taken and completed to keep both team members and managers updated on work progress

**SR ANDROID DEVELOPER**ANTHEM / NORFOLK, VA / AUG 19 – APR 20<https://play.google.com/store/apps/details?id=com.anthem.sydney&hl=en_US> * Work with first team of 17-person team of 9 android developers, 5 testers, 2 scrum masters, and a BSA with 2weeks sprints. And with second team of 18-person team of 2 android developers, 3 iOS, 3 Web, 2 API, 2 testers for each platform, 1 scrum master, 1 PO
* Create unit tests for viewmodels for both Clinical Programs and Registration using Kotlin Mockk library
* Code “Preventive Health Guidelines” feature following Clean architecture pattern using MVVM(LiveData, Viewmodel, Room)
* As a feature team of both iOS and android developers, use Retrofit to connect the “Clinical Programs” feature to data and display it using recycler view
* Support the initial release of Sydney Health by fixing minor bugs and escalating any major production issues
* Create page two of the three step registration feature using oAuth
* Create the details page for clinical programs as well as three sub pages for Preventive Health using Kotlin language
* Create documentation and flow diagrams for all of Clinical Programs in confluence using Gliffy
* Update the UI of My Health Dashboard to align with current designs
* Provide product support following the initial release of Sydney Health to the Google Play Stor
* Create an algorithm that filters user input when the user is entering their birthdate in registration
* Create a program details layout for Clinical Programs and load data into views using data binding
* Create three subpages within the “Preventive Health Guidelines” program and create navigation to each of the sub pages from both Preventive Health Guidelines details fragment and View Guidelines fragment
* Removed date picker from registration in response to complaints from users
* Refactor data layer to allow the API interface to be injected using Dagger

Role:* Review code from other developers’ pull requests to be approved and merged into develop branch
* Communicate with POs on a regular basis to ensure designs are aligned
* Plan out epics and aid in assigning points to stories at the beginning of and during program increments
* Provide feedback on how the team could improve our practice of the agile process during retrospectives

**SENOIR ANDROID DEVELOPER**FED EX / MEMPHIS, TN / MAY 18 – JULY 19<https://play.google.com/store/apps/details?id=com.fedex.ida.android> * Worked in a mid-size team of 12 developers and coordinate remotely with German offshore development team  with TDD, continuous integration environment
* Refactor presentation and data layer with WorkManager, Paging, Slices, simplify navigation and data passing within the app using Navigation Components
* Include ViewModel to isolate use cases from the View., observe changes using LiveData and create Room database to store and retrieve data
* Use coroutines, high-order functions, delegate properties with Android KTX to improve ‘Get shipment cost estimates and delivery times’ user-story
* Inject ViewModels and Model instances with components, subcomponents, modules using Dagger2 and tested them with DaggerMock library
* Perform Restful API service calls asynchronously and combine, create, merge and filter any of flowable streams
* Increase project transparency, flexibility with Mockito framework to verify method invocation calls
* Encrypt Room local database with SQLCipher and stored access-token in Keystore
* Enable push notifications to get updates on shipments with Firebase services
* Make the application compatible with API version 27 and fix crash issues
* Work closely with senior developers on ‘Search list of shipments by tracking number, references, vendors’ feature
* Perform code reviews using Crucible tool, mentor junior developers and manage pull request in Gitflow process
* Replace RxJava callbacks with coroutines in some parts the code

Role:* Build prototypes at tech scoping stage of projects and create and maintain a technical framework to support the apps
* Develop and extend the reach of our existing applications for the backend platform
* Collaborate with product owner to deliver features and continue to optimise their performance post-release
* Mentoring and guiding at a team and individual level

**ANDROID PROGRAMMER**CarMax / PARKWAY RICHMOND, VA / JAN 17 – APR 18<https://play.google.com/store/apps/details?id=com.carmax.carmax> * Code ‘car financing and make payments’ feature in Uncle Bob Clean code MVP architecture on data, presentation layer
* Build networking module to filter cars by price, mileage, colors, transmission and display in Recycler view(View Layer) using Retrofit, okhttp and executors
* Enable Push Notifications backend services using the Amazon Pinpoint service to send instant price drop alerts when one of favorite listings changes price
* Save the recent search using Realm Database library and replace old SQLIte database
* Transform one type of data to another, reduce, map or expand streams using RxJava operators and perform conconcuurentl HTTP request using schedulers
* Pair Program to perform binary encoding and decoding of data using Google Protocol Buffers
* Follow TDD’s Red-Green-Refactor pattern to developer a new feature using Mockito unit testing for data layer and  Espresso for UI View Layer
* Work on securing the network traffic with Certificate Pinning to verify identity of the Host via SSL handshake along with AES encryption principle
* Enhance Runtime Permissions to approve security permissions on a case-by-case basis at run time
* Upgrade to Google Play services SDK to access to  range of APIs for building ads, collecting analytics, authenticating users and integrating maps
* Integrate cwac-saferoom library and cwac-provider library for making files, resources, and assets available to other apps via a ContentProvider
* Upgrade the login feature of the app by integrating to FingerPrint API

Role:* Develop and produce functional solutions in accordance with architecture design standards and code standards
* Ensure projects are delivered on time and to a high standard
* Take part in code reviews for other developers
* Write and maintain existing unit tests (TDD) and help to drive forward BDD

**MID-LEVEL ANDROID DEVELOPER**SAM’S CLUB / BENTONVILLE, AR / MAR 16 – DEC 16<https://play.google.com/store/apps/details?id=com.rfi.sams.android> * Integrate Firebase into the app to improve analytics tracking for app marketing and performance optimisations
* Improve the UI and API parsing capabilities for ‘Refill and transfer your prescriptions in the app’ user-story
* Add mechanisms to unlock features or deliver content, Integrate the In-app Billing API In-App Purchase and Subscriptions Urban Airship SDK
* Implement fixes to the UI in accordance with Material Design during the rebranding work
* Wrote an algorithm accepts payments and use card.io to process payments from end users
* Integrate ThreadMatrix SDK to establish a cryptographically backed strong device identifier and protect Legitimate users against jailbreak/root of their devices
* Include Android Support Library Print for printing barcode and receipt capabilities
* Create modules, components, scopes to inject view models and network objects using Dagger Creational pattern
* Include DaggerMock testing library to test Dagger components in Unit test cases in TDD manner
* Write unit tests for presenters using method invocations, spy mocks, no interactions in MVP Architecture using Mockito
* Implement caching mechanism to optimise the network usage using Network interceptor via okhttp library and ORMLite local database
* Create Custom Views and animations as per iOS app prototype, implemented Android components to specifications
* Code using Apache Commons IO library to perform Input Stream and Reader implementations and for monitoring file system events

Role:* Work with key team members to plan new features and functionality
* Perform iteration of the user interface and functionality to improve the user experience
* Work to constantly refine and improve performance of the application
* Work with the UX team to analyse customer behaviour and ensure a smooth user experience

**MOBILE APPLICATION DEVELOPER**MOBILE POSSE / ARLINTON, VA / JAN 15 – FEB 16<https://play.google.com/store/apps/details?id=com.mobileposse.client> * Parse News API, tech updates api and sports scores API using AynsctaskLoaders and display in custom Listview
* Write unit tests for presenters using method invocations, spy mocks, no interactions in MVP Architecture using Mockito
* Send sticky broadcast, change network connectivity, connect and disconnect from Wi-Fi, run at startup, prevent phone from sleeping
* Perform general bug fixes to enhance content delivery and user experience
* Integrate AppNexus Adserver and analytics for monetization strategy
* Enchane New widget capabilities with search capabilities to view multiple articles on home screen
* Integrate AWS Mobile Hub User Sign-in feature to access the AWS services, validate user identities from multiple identity providers
* Enable the deep linking and deferred deep linking on the app using Go to handle requests from the system or other apps
* Update various UI components, such as adding ViewPagerIndicator widgets to existing ViewPager objects and improving custom progress indicators
* Incorporate webviews for displaying web pages and integrating Javascript interfaces to handle UI interaction
* Provide Spanish, German and French language support in the application using native localisation feature
* Encrypt card numbers with AES-256 and store on the server securely on backend using Volley library

Role:* Drive technical design and research for prototyping new concepts and capabilities that leverage the latest iOS and Android features
* Collaborate with the product management team to clarify designs and requirements
* Participate actively in an Agile development process
* Support deployment of applications internally or to customers and provide post-deployment support

**ANDROID DEVELOPER**PARK MOBILE LLC. / ATLANTA, GA / FEB 14 – DEC 14<https://play.google.com/store/apps/details?id=net.sharewire.parkmobilev2> * In charge of the Google map features, worked closely with backend to show activities around user's current location, along with adding markers and InfoWindows to the map
* Create custom and compound views for ‘Reserve parking spots in garages ahead of time’ user-story screen
* Create local database user SQLIte to store parking spots for offline view and save favourite spots in shared preferences
* Create search algorithm to display areas of the city where there is available parking and avoid areas where there’s no parking
* Implement search function and corresponding request and response UI, as well as feature of user profile information displays and updates
* Work on the free/paid Subscription product flavours of the app to expose different user-stories
* Write barcode scanning code algorithm to support multi-format 1D/2D barcode image processing
* Implement Disk-based LRU cache which specifically targets Android compatibility for accessing filesystem
* Work closely with an in-house backend team who uses Python Django
* Implemented part of foundation classes, and basic UI framework; first used sliding menu, then switched to tab+viewpager
* Added Facebook Login to the App using the Facebook android SDK.
* Included dependency injections like Dagger and Butterknife to reduce boilerplate code and loose coupling
* Configure and send alerts to notify users when parking session is going to expire using MixPanel SDK

Role:* Work with development teams of various disciplines to create an end-to-end product within an agreed time scale
* Fix bugs in existing software and improve using the latest technologies
* Unit test code with a TDD approach and provide test suites for QAs to run, to ensure stability
* Document software and processes
 | Technologies Used* Cardview
* Retrofit2
* Timber
* Firebase
* LiveData
* JIRA
* Kanban
* Scrum
* Gitlabs
* Kotlin
* Java
* Coroutines
* Databinding
* Activities
* Fragments
* MVVM
* Linear Layout
* Recyclerview
* adobe marketing mobile analytics
* foresee
* kt lint
* dagger
* android studio
* microsoft teams
* webex
* confluence
* Bundle
* Android Jetpack
* Multi-modular
* appCenter
* Kotlin
* Biometric
* Core-ktx
* Fragment-ktx
* java 8
* Lifecycle extensions
* Security-crypto
* Swipe refresh layout
* Espresso
* junit
* Adobe mobile analytics
* Adobe mobile griffon bridge
* Adobe mobile sdk
* Arypto tink
* Detekt
* Mockk
* Palaima debug drawer
* Brightcove player
* Apptentive
* Databinding
* Clean architecture
* Confluence
* Git flow
* RxJava
* Team City
* Robolectric
* Espresso
* Retrolambda
* Bolts
* Butterknife
* Guava Linking
* Timber
* LeakCanary
* Okhttp3
* MockWebserver
* Dagger
* Glide
* UiAutomator
* Fabric
* Apache Commons I/O
* GitFlow
* Kotlin
* Retrofit
* JetPack
* AndroidKTX
* RxAndroid
* Espresso
* Slack
* Dagger 2
* RxJava
* Retrofit
* AsyncTasks
* Glide
* Git Version Control
* Lint
* Legacy Apache HTTP
* Material Design
* Agile
* Realm DB
* Fresco
* Leak Canary
* Jenkins
* GitLab
* Proguard
* Android Studio
* Jackson XML
* Glide
* Crittercism
* Agile
* Target Process
* JIRA
* AES Encryption
* Custom View
* Urban Airship
* SQLCipher
* AndroidPlot
* Butterknife
* GCM
* TDD
* SQLCipher
* IntentServices
* Threads
* Android Studio
* JAVA
* Retrofit
* Universal Image Loader Loopj
* Comscore
* DropBox API
* Facebook SDK
* Fabric
* Okhttp
* NineOldAndroids
* Leak Canary
* Hockey App
* Dagger
* Agile
* Espresso
* Slack
* GCM
* Team player
* Jenkins
* JIRA
* Volley
* Comscore
* Flurry
* Google Maps
* Immersion
* Ad Colony
* Fragments
* RESTful
* SQLite
* Robotium
* Tabview
* Material Design
* Agile
* JSON
* PayPal SDK
* Twitter API
* Fragments
* Services
* Waterfall
* Sherlock
* JIRA
* JavaScript
* Webviews
* Git
* Hangouts
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| Education**B.S. Computer Science****Georgia State University, Atlanta, GA** |