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| Objective A 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**  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 |
| Education **B.S. Computer Science**  **Georgia State University, Atlanta, GA** |