

SAUDAMINI KESHAV

SUMMARY

- ✓ 2+ years' experience in JAVA, standard industry design patterns, and Object-Oriented Programming
- ✓ Strong Android development experience with an appreciation of design, testing and backend Web Services
- ✓ Excellent knowledge of building scalable code using dependency injection (RxJava, Retrofit/Volley, Room, Volley, View Model, Live Data)
- ✓ Experience in optimizing performance and memory usage of Android Apps
- ✓ Experience in writing custom UI components and libraries
- ✓ Experience with multi-threading, integration with REST and SOAP APIs, custom view animations and transitions, and producing reusable libraries
- ✓ Experience working in a Test-Driven Development and/or Behavior Driven Development environment.
- ✓ Experience with Android's Animation Framework
- ✓ Experience in conceptualizing, implementing, and publishing apps.
- ✓ Familiar with Wi-Fi, Bluetooth, and NFC.
- ✓ Ability to multitask, work independently or as part of a team.
- ✓ Working experience using agile, Kanban, TDD, XP and scrum methodologies
- ✓ Offshore/Remote team collaboration and management experience
- ✓ Exposure to continuous integration and continuous delivery practices, especially in an environment of weekly (or even more frequent) releases to production

WORK EXPERIENCE

Mobile Android Developer II
July 2020 to Present
Experian plc – Costa Mesa, CA

- ✓ I was rehired by Experian to join the Android team as a contractor.
- ✓ Currently, working on enabling BioCatch to make assessments of app user behavior.

MOBILE SKILLS

Kotlin | MVVM | MVP | CameraX API | Java | NDK |
Play Services | KeyStore | Retrofit | SQLite | FSM |
BLE | WIFI Protocols | Maps API | Material Design |
TDD | Mockito | Espresso | Firebase | Live Data |
Bluetooth BLE | OAuth | AES Encryption |
Dependency Injection | Butter knife library |
Reactive Programming | RxAndroid Agile | Scrum
| XP Push Notifications | Patterns | Instruments
tests | RESTful Web Service | GIT | SVN | Jenkins |
MVC | SOLID | OOP Design | Unit Testing |
Multithreading | Jira | OAUTH2 | [CARD.IO](#) | Stripe |
PayPal | Android Studio 3.2 | Waterfall | AsyncTask
Loaders | Jetpack | Slices | Content Providers |
Event Bus | Slack | Kanban | Trello | JIRA |
Confluence | Postman | Kochava | Qualtrics |
Acuant Camera | Custom UI

WEB SKILLS

HTML | CSS | JavaScript | JQuery | Responsive
Design | Bootstrap | Handlebars | Local Storage |
Session Storage | IndexedDB | API | JSON | AJAX |
MySQL | Git | Github Pages | ASP.NET | Heroku |
MongoDB | Express.js | React.js | Node.js | User
Authentication | POA | Unit Testing | Functional
Testing | Linting | Continuous Integration

Full Stack Web Development Certification (Part Time)

May 2020 to Present

UC Irvine, CA

- ✓ Completed the following courses: HTML, CSS, JavaScript, JQuery, Responsive Design, Bootstrap, Handlebars, Local Storage, Session Storage, IndexedDB, API Interaction (API, JSON, AJAX), MySQL, Git, and Github Pages.
- ✓ The following courses are currently in progress: ASP.NET, Heroku, MERN Stack (MongoDB, Express.js, React.js, Node.js) Web User Authentication, Progressive Web Applications (PWAs), QA Processes (Web based Unit Testing, Functional Testing, Linting, and Continuous Integration).

Mobile Android Developer II

Feb 2020 to April 2020

Experian plc- Costa Mesa, CA

- ✓ Updated Kochava SDK and enabled Push Notification for the following events: PushOpen, Install, Uninstall, and Silent push, and tracked the corresponding tokens on the Kochava dashboard.
- ✓ Added DARC tracklink events to track the Tap to retry capability.
- ✓ Added non sticky header to the ListView to display personalized header message to the user.
- ✓ Added Qualtrics Embedded variables to the properties collection in the app and on the Qualtrics dashboard to push data back to the server, in order to eventually pass data on to the survey of the app.
- ✓ Compiled and documented a list of regex validation rules across the app.
- ✓ Worked on several bug fixes.
- ✓ Worked with Acuant Camera feature for Document verification and Liveness scan to display Dialog when No camera feature is found.
- ✓ Created custom permissions dialog to display when camera permission is denied.

Mobile Consulting Solutions - Atlanta, GA

Oct 2017 – Jan 2020

Projects:

Mar 2019 – Jan 2020

ANDROID DEVELOPER

Werner Enterprise - Omaha, NE

- ✓ As a part of the Android team, responsible for working on Werner's Border Crossing application.
- ✓ The goal of the project is to create an Android based application of Werner's existing iOS version.
- ✓ Currently working with legacy code in Werner's Drive Werner Application by converting and optimizing old java code and implementing new features in Kotlin.
- ✓ Working in an agile environment with 2 weeks of sprint cycle.
- ✓ Responsible for working on several layers of the application using Kotlin programming language and Androidx library.
- ✓ Implemented camera feature using Camera2 API in a custom dialog to capture images and save the media files according to the app logic.
- ✓ Created custom Circular Progress Bar and Views to display Milestones data of the users by parsing the API. Worked with navigation components and added nav graph to handle app's navigation.
- ✓ Implemented features in the app using WIFI, Bluetooth BLE and Cellular.
- ✓ Worked on existing architecture using MVVM design pattern. Created view models and live data components to handle responsiveness and to improve user experience on configuration changes.
- ✓ Created custom and compound view components to create Custom Dialog and used constraint layout features to create a scalable app.
- ✓ Responsible for developing and producing functional solutions in accordance with architecture design standards and code standards.
- ✓ Responsible for building reusable code and libraries, ensuring thorough application documentation for future use.
- ✓ Responsible for performing internal code reviews.
- ✓ Working closely with UI/UX team for doing Material Design and for applying custom animations

- on views, and with assigning proper spacing for iconography.
- ✓ Working closely with Network and backend teams to consolidate API calls, create proper documentation for parameters, and to retrieve format objects
- ✓ Working with cross-functional teams to ensure that the requirements are identified, features are built, tested, and are deployed to production, smoothly on time.
- ✓ Responsible for troubleshooting and debugging applications.
- ✓ Responsible for working with the testing team to optimize the application's performance.
- ✓ Responsible for mentoring new hires within the project.
- ✓ Familiar with project management tools such as JIRA for issue tracking and for agile project management.
- ✓ Used JUnit and Mockito to write test cases to verify the functionality of components.
- ✓ Used confluence for creating, updating, and maintaining software documentation.
- ✓ Used SVN as version control system to merge pull request to the developer's branch.
- ✓ Participated in Scrum Meetings, setting sprint expectations, daily stand-up meetings, and sprint meetings. Link:
https://play.google.com/store/apps/details?id=com.werner.trailerInspection&hl=en_US

Oct 2018 – Mar 2019

ANDROID PROGRAMMER

CouchSurfing Inc.- Denver, CO

- ✓ Converted the data model, API communication service layer and UI layer to Kotlin programming language and JetPack library
- ✓ Used the Data Binding Library to support two-way data binding to receive data changes to a property and listen to user updates to that property at the same time.
- ✓ Created custom and compound views to create user profile screens and show news updates.
- ✓ Worked on dividing the application into multiple layers and take most of logic out from the activities to make it easy to test without instrumentation tests in MVP architecture.
- ✓ Configured Firebase API to send push notifications, record events and stored User Profiles
- ✓ Used Retrofit2, okhttp library to refine service layer and display local hosts offering a place to stay and fun events data in material designed RecyclerView
- ✓ Independently worked and optimized on the feature 'Easily create and manage a Couchsurfing profile'.
- ✓ Incorporated Photo View Image View library to perform zooming, multi-touch, double-tap and update UI based on the current zoom/scroll position
- ✓ Performed instrumentation/UI testing, simulated different kinds of user interactions.
- ✓ Improved Payment module to allow consumers to pay via credit card, debit using Stripe and Braintree SDK
- ✓ Pair programmed to implement 128-bit encryption to protect customer data in transit and on device using Java Cryptography Architecture and Android Crypto API
- ✓ Created paid version product flavor and build variants for paid customers to expose advance features
- ✓ Coded using Rxjava programming to compose asynchronous and event-based programs, avoid intricate stateful programs, using clean input/output functions over observable streams
- ✓ Wrote test cases using JUnit /Mockito testing frameworks for model and view model Link:
<https://play.google.com/store/apps/details?id=com.couchsurfing.mobile.android>

Mar 2018 – Sep 2018

MOBILE APP DEVELOPER

Tapatalk Inc.- Santa Monica, CA

- ✓ Used Rxjava for reactive programming with operators to transform, combine, manipulate, and work with the sequences of items emitted by Observables with schedulers
- ✓ Build Location Services in the app to get the current location, get periodic location updates, create and monitor geo-fences, and detect user activities
- ✓ Configured Google Cloud Messaging to send push notifications to user
- ✓ Refactored legacy codebase architected the project using MVP and widely applied code reusability using dependency injection libraries (Dagger2, Butter knife).
- ✓ Improve network communications on mobile platforms making synchronous and asynchronous web service calls using Picasso, Volley, multithreading mechanism, Intent Services, REST web-services and

JSON Parsing

- ✓ Created multiple cache services to make the app available in offline mode implementing Green DAO databases with Content Providers.
- ✓ Built several Custom Binding Adapters to manage different attributes custom binding logics
- ✓ Refactored old designs with Coordinator layout, toolbar, recycler view and material design principles
- ✓ Configured Samsung In-App purchasing to buy VIP status that will allow you to view Tapatalk ad free
- ✓ Used SQLite for persisting Java objects to SQL databases for offline mode features.
- ✓ Link: <https://play.google.com/store/apps/details?id=com.quoord.tapatalkpro.activity>

Oct 2017 – Mar 2018

Jr. ANDROID DEVELOPER

Gluten Free Classes LLC– Downers Grove, IL

- ✓ Used Retrofit2, okhttp library to refine service layer and display gluten free menu options from the most popular chains in material designed Card view and Recycler view.
- ✓ Used the Dalvik Debug Monitor Server (DDMS) for debugging and testing
- ✓ Used Fragment capabilities to handle multiport views and different screen size devices
- ✓ Used services, broadcast receivers and Event bus to implement publisher/subscriber pattern
- ✓ Incorporated Crashlytics to deliver real-time, detailed crash report with Jenkins CI
- ✓ Created paid version product flavor and build variants for paid customers to expose advance features.
- ✓ Worked with Maps API to display gluten free restaurants on map.
- ✓ Solely optimized the feature ‘Search current location or a specific address’
- ✓ Worked with external API developers to parse ‘View others ratings API’ and ‘reviews API’ using AsyncTask and display in customized List view
- ✓ Link: <https://play.google.com/store/apps/details?id=com.fmgf.free>

CERTIFICATIONS

- ✓ Oracle Certified Associate JAVA Developer SE7 – 2015
- ✓ IBM Certified DB2 Database Fundamentals Academic Associate - 2011

EDUCATION

2009 – 2013 Bachelors of Computer Science and Engineering

Visvesvaraya Technological University (VTU)