

RAMESH KUMAR

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ANDROID ENGINEER

High-quality Android developer with over 6 years of experience using Agile methodologies to design and develop mobile apps, including eCommerce, social media, and games. Strong leader, with a history of building, mentoring, and supervising technical teams while collaborating with clients and management to deploy successful solutions. Expertise in Android technologies such as Java Android SDK, SQLite, and libraries. Experience implementing apps for government, banking, private, international, and commercial projects.

Mobile Application Development • Agile Methodologies • Functional Modules • Project Requirements
RESTful Web Services • Data Manipulation • UI/UX Design • Unit Testing • Instrumentation • External Library
Integration • Team Collaboration • Troubleshooting & Problem Solving • Emerging Technologies

Languages: Java (JDK/SE), Kotlin, PHP, Flutter

Web: HTML5, CSS3, Servlets, JSP, jQuery, JSON, AJAX, JavaScript, XML

Testing: Unit test, Instrumentation testing

Web Services: RESTful, SOAP

Web/App Servers: Apache

Architectures: MVVM, MVC

Frameworks: Angular, Node, Spring Boot

Databases: SQLite, MySQL, MongoDB

Design Patterns: Singleton, Factory, Adapter, Observer, Template Method

SDLC: Agile/Scrum

Tools: Android Studio, IntelliJ IDEA, Eclipse, Slack, JIRA, GitHub, GitLab, Bitbucket, OneSignal, Firebase, NetBeans, SQLCipher, Amplitude, PlayStore

Platforms: Android, Windows

Libraries: Retrofit, Gson, OkHttp, Glide, Picasso, Camera2, Socket.io, Creative Cloud SDK, OneSignal SDK, Braintree SDK, Embrace.io, Firebase, Segments.io, Memory Management for Android

PROFESSIONAL EXPERIENCE

Thrive Market Inc. California, USA • 2019-Present

Android Engineer: Working on Thrive Market Android application to build new features, which gives users a world class application experience. Everyday attending meetings, planning and executing the tasks to manage the time and deliver the product on time.

Responsibilities:

- Working on redesigning the Thrive Market Android Application.
- Leading team
- Reviewing PRs
- Feature releases on Play Stores

Tasks Performed:

- Worked on the Shopping List feature and launched successfully.
- Worked on Guided Shopping features to give customers better product recommendations.
- Worked on Fraud prevention using BrainTree SDK.
- Re-architecting the application components.
- Migration Java to Kotlin all core classes.
- Develop new feature according to android guidelines
- Unit testing using JUnit Libraries, UI testing for rendering views, performance checking
- Debugging the crash and Profiling the application for memory management
- Coordinated with cross platform teams including iOS, backend, product for new feature grooming and implementation.
- Involved in Retros and Code reviews.
- Release application on PlayStore.

Achievements:

- Promoted to as Senior Android Engineer

STARTRUM, Sindh, Pakistan • 2016-2018

Lead Android Developer: Supervised team members in development of web and mobile applications, including task delegation and problem solving. Developed functionality and user interfaces. Implemented offshore projects for client Cygnis Media.

Tasks Performed:

- Collected and analyzed client requirements, and converted into specifications and app architecture.
- Researched available code libraries to identify potential upgrades and increase efficiency.
- Implemented prototypes and application security.
- Coordinated with upper management and other teams.
- Reviewed code written by junior developers; provided feedback and mentoring.

Achievements:

- Promoted quickly to Android Team Lead.
- Developed encrypted chat application to connect farmers with agriculture experts in real time; currently in use by over 100,000 farmers.
- Built custom SDK to track events, errors, and views.
- Other projects included **Tree Media Feed**, **Karachi Golf Club** app, **Ittendance**, and **iEvent**.

Technologies Used: Java, SQLCipher, SQLite, Firebase, Android Studio, GitLab, SQLite Browser, OneSignal, JIRA, Android, Retrofit, GSON, Glide, Picasso, Camera2 API, Socket.io, Creative Cloud SDK

NEXT GENERATION INNOVATION, Sindh, Pakistan • 2015-2016

Applications Engineer: Built up Android development department from scratch, and ensured success of app development projects through Agile process and daily progress meetings.

Tasks Performed:

- Designed app structure based on detailed understanding of client requirements.
- Coordinated with backend team, management, and clients to ensure project completion.

Achievements:

- Sourced, hired, trained, and supervised 3 team members in Android development.
- Projects included **eCommerce** mobile app, **ReadSpeed** Android game, and top trivia game **eQuiz**.

Technologies Used: Java, JavaScript, SQLite, Android Studio, GitLab, Android

APPROXEN, Sindh, Pakistan • 2012-2015

Android Developer: Designed and developed interface and functionality for Android apps.

Tasks & Achievements:

- Created custom components and user-friendly interfaces.
- Contributed to four UAE-based applications, including **Bacardi Heroes 2** and **Dubai Ladies Club**.

Technologies Used: Java, REST, SQLite, Android Studio, Picasso, Retrofit, OkHttp, GSON, JSON

INDEPENDENT PROJECTS

SocialUma: App for uploading pictures, creating folders, and sharing with other users. Includes ordering to print and PayPal payment system.

<https://play.google.com/store/apps/details?id=com.mobifyall.socialumaapp>

MyBloggerTricks: Mobile version of popular blog, converted into app form.

<https://play.google.com/store/apps/details?id=com.mbt.mybloggertricks>

ACADEMIC PROJECTS

Student Screening, MUM: Developed a web app to automate online exam systems enabling students to take exams with password-free approach. Managed server-side using NodeJS, Express, RESTful, and Nodemailer; client-side using Angular, TypeScript, and ng-bootstrap; and NoSQL database using MongoDB Atlas.

Car Rental System, MUM: Java-based service for students to rent a car for the day, based on the current bike rental system. Used JDBC client, MySQL, and MS SQL Server.

Biometric, NED: Election voting system integrated with biometric device to authenticate voters by thumbprint. Four team members developed using Visual Studio, C#, MS SQL, and Biometric SDK.

EDUCATION & PROFESSIONAL DEVELOPMENT

Master of Science in Computer Science (2020)
Maharishi International University – Fairfield, Iowa

Key Courses: *Modern Programming Practices; Web Application Architecture; Web Application Programming; Algorithms; Modern Web Applications, Big Data Technologies*

Bachelor of Engineering in Computer & Information Systems (2013)
Received Scholarship from NED Engineers Association of Greater Chicago
NED University of Engineering & Technology – Sindh, Pakistan

PHP Certification Course
from Computer Collegiate

Programming in HTML5 with JavaScript & CSS3
(Microsoft Certification)