

SAGAR LAKHIA

sagarlakhia18@gmail.com | 1-858-275-3529

GitHub : <https://github.com/sagarlakhia> | **LinkedIn :** www.linkedin.com/in/lakhiasagar

SUMMARY:

Innovative Android Developer with 2+ years of experience designing, developing, testing, integrating, maintaining and supporting impactful applications developed in diverse, collaborative environments for mobile and tablet in various versions of Android OS. Solid understanding of full mobile and software development life cycles, Android Framework, Android SDK, Android UI design principles and Agile methodologies. Seeking a challenging opportunity where I can keep growing as Android Developer with an organization that can utilize my skills and experience.

EXPERIENCE:

Android Developer at NeuLion LLC/ Endeavor Streaming

April 2017-Present

- Developed Endeavor Streaming Libraries (ESMVPD, ESSearchView, and ESCollectionView)
- Architect and Designer of NLAndroidLibs libraries for College Sports Apps.
- Developed Oklahoma Sooners, LSU, GSU, A10, UCF, NCAT, UAA, Big12, A10, and Presbyterian with NLAndroidLibs.
- Developed required changes to existing processes to support new functionality
- Worked on multiple bug fixes including in decrease of crashes by 50% for DivX Mobile App
- Developed casting ability from phone and Dropbox with Connect-SDK up-to 4K resolution photos/videos to Chromecast, Apple TV Gen 3 and 4, Roku Stick/Express/3/4, Amazon Firestick, Amazon FireTV, Google Cast, Xbox 360/One, and Smart TVs
- Refined and developed new features increase in user retention and implemented the google cast certification requirements
- Designed clean efficient code for the Android Platform using Android Studio with Java and XML
- Directed the team for code versioning tool (Git) to ensure proper APIs integration
- Worked with Back-end engineer to design and tweak RESTful APIs to fetch data from remote server and parsing of the JSON/XML responses
- Wrote unit tests for mobile code using Junit for debugging critical application issues such as crashes, memory leaks and completed integration servers by Jenkins
- Developed push notifications Firebase, Urban Airship and Amazon Pinpoint
- Documented technical specifications and maintained all reports pertaining to application development process

Web Developer Intern at Stainless Distributors Inc.

Feb 2017-April 2017

- Designed and developed web application for the Stainless Distributors Inc.
- Defined the requirements for the application
- Utilized JavaScript frameworks such as AngularJS to develop front end and NodeJS to develop back end
- Used MongoDB, a NoSQL database to store required information
- Analysed deployment of the application on Heroku Platform with MLab as database provider

Android Developer at App Partner.

Nov 2016-Feb 2017

- Developed complete Android applications which strongly follow Model-View-Presenter design pattern
- Used different code versioning tools to support team collaboration
- Developed an application that uses ZenDrive SDK to store information such as user's driving habits and to report their accidents
- Worked on applications like BlackCarFund, B&H Photo Video, JustDance, and Genlines
- Developed new enhanced features and bug fixes in an application that allows user to post, search, view dance videos and join competitions to win
- Implemented update patches, modules and components to improve application performance on various devices for UI
- Worked closely with designers to develop new features for the best possible user experience
- Participated in code reviews to ensure better code quality and maintainability

- Developed, maintained and updated the custom website in a professional environment for the Department of Management.

PROJECTS:

Current Projects:

Developing different libraries such as BFMediaPlayer/BFRecyclerView; Developing/Learning applications in Kotlin; Creating and innovating the FindMyCar app that allows user to save car parking location; Developed a simple NodeJS Backend application for an app (Hosted on Heroku, using Mlab).

Android Portfolio (Java/Xml)

Worked with Activities, Fragments, Services, Receivers, SQLiteDatabase, ContentProviders, Material Design, AlarmManager and other Android Things along with libraries like Retrofit, Butterknife, OkHttp, Picasso, Glide, Volley, Support Library, Google maps, Google direction, Google places, Google Analytics, Firebase and more. For detailed information about all my Android and IOS applications, you can refer to my portfolio at http://sagarlakhia.github.io/files/Mobile_Portfolio.pdf (Four my applications published on Google PlayStore.)

IOS Applications (Swift)

Worked on IOS application concepts like UIScrollView, UIStackview, Core Data, Auto-Layout, Alamofire, UICollectionView, UIAlertController, Tabbed application and many more. You can find more implementations here: https://github.com/sagarlakhia/IOS_Projects

Augmented Reality (C++)

Aug-Dec 2015

Implemented an Augmented Reality application using ARMA, an opencv library to project an image on the detected pattern using C++

Cloud Computing Projects (Python/Java)

June-July 2015

Developed 8 applications using different services provided by Amazon (EC2, RDS, MemCache, S3, EBS) and Google Cloud using Python and Java as programming languages.

Reverse Engineering Projects (Java/HTML/CSS/JSP)

Feb-March 2015

Data-Mining Projects (Java)

Aug-Dec 2014

Designed 3 different programs that can handle big data, extract important information and can make prediction based on the historical data

1st Placements (HTML/CSS/JS/JSP)

June 2013- May 2014

Built a web application using HTML v5.0, CSS v3.0, JavaScript, JQuery as frontend and Java with Hibernate Framework and MySQL v5.4 as Backend. Developed during my internship at Innoventaa Technocrats.

EDUCATIONAL QUALIFICATIONS:

Master of Science in Computer Science

May 2016

(Specialization in Software Engineering and Database Management Systems)
The University of Texas at Arlington (GPA: 3.75)

Bachelor of Engineering (B.E.)

June 2014

Gandhinagar Institute of Technology, Gujarat Technological University
Major: Computer Engineering (CGPA: 7.27)

COMPUTER SKILLS:

Operating Systems:

Windows, MacOS, Ubuntu

Programming Languages:

Java(Expert), Kotlin(Familiar), Swift(Prior Experience), Python (Prior Experience), C++ (Prior Experience)

Web Development:

HTML5, CSS3, JavaScript (NodeJS and AngularJS frameworks), JSP, Servlets, Flask, Template engines like Jinja2 and Handlebars (Prior Experience)

Database Systems:

MySQL, NoSQL

Tools and Packages:

Android studio, Xcode, Visual Studio Code, Eclipse, Photoshop