

SAGAR LAKHIA

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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)

EXPERIENCE:

Android Developer at NeuLion USA Inc.

April 2017-Present

- Designing and developing applications for the Android Platform using Android Studio with Java and XML.
- Using strong knowledge of Android SDK, Android design patterns, principles and best practices to write clean and efficient code.
- Ensuring applications are properly integrated with Android APIs.
- Collaborating with other team members using code versioning tools such as Git.
- Optimizing applications for new Android operating systems.
- Collaborating with other cross-functional teams to define, design and ship new features for the NeuLion Android applications.
- Developing various NeuLion Android Libraries.
- Using RESTful APIs to fetch data from remote server and parsing the JSON/XML responses.
- Implementing Test cases where required using Junit.
- Implementing Continuous Integration Servers for different projects using Jenkins.
- Debugging applications - root cause defects /memory leaks and resolve them.
- Actively contributing to enhance application performances and better user experiences
- Utilizing Adobe Photoshop to generate application assets.
- Using Firebase and Urban Airship for push notification support.

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
- Used JavaScript frameworks such as AngularJS to develop front end and NodeJS to develop back end.
- Used MongoDB, a NoSQL database to store required information.
- Tested 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 about user's driving habits and that allows them to report their accidents.
- Implemented enhanced features and bug fixes in an application that allows user to post, search, view dance videos and join competitions to win.
- Participated in developing features and bug fixes in different applications over the time.
- Worked with designers to come up with best possible user experience.
- Participated in code reviews to ensure better code quality.

Android developer Intern at Spica Computers LLC.

Oct 2016-Nov 2016

- Designed and developed advanced Android applications.
- Continuously discovered, evaluated and implemented new technologies to maximize development efficiency.

Student Assistant at College of Business at the University.

Sept 2015-May 2016

- Maintained, updated and developed website in a professional environment for the Department of Management.

Java and Android developer Intern at Innoventaa Technocrats.

June 2013- May 2014

- Worked on 1st Placements (J2EE Web application with Hibernate framework) and on small different modules to gain insights on Android.

PROJECTS:

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 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

Graph Mining (Java)

Jan-May 2016

The goal of this project was to avoid generating duplicate subgraphs in a very large dataset while querying a graph using vertex id as a constraint (MapReduce). This eventually helped in processing queries faster.

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

Studied 2 web applications (without any documentation) and made further enhancements to it. Also learned about different Software design patterns.

Random Number Generator following different Distributions (Java)

Aug-Dec 2014

(Data Analysis and Modelling)

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.

COMPUTER SKILLS:

Operating Systems:

Windows, MacOS, Ubuntu

Programming Languages:

Java, Swift, Python, C++

Web Development:

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

Database Systems:

MySQL, NoSQL

Tools and Packages:

Android studio, Xcode, Visual Studio Code, Eclipse, Adobe Photoshop, Microsoft suite.