Mahendra N
Senior Client Engineer
24, Male

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A result-oriented professional with 2 **years and 9 months'** experience in Android/iOS application development and effectively collaborate with fast paced environment.

Skills

- **Programming Languages :** C, C++, Java, Swift, Android programming
- **Web Technologies :**, HTML, Bootstrap basics, JavaScript, jQuery, TypeScript, Node.js
- **Design Patterns :** Singleton, Adaptor, Factory, Builder
- **Database :** Realm(Android & iOS), PouchDB, MySQL basics, Oracle database
- **Software :** Android Studio, XCode, Postman, Adobe Photoshop basics, NetBeans

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Professional Experience

NOVEMBER 2017 – PRESENT

Senior Client Engineer at 1Banyan Works India Pvt. Ltd.

PROJECT: **One student** (iOS application)

iOS version of "One student" android application.

Roles & Responsibilities:

- Developing complex iOS UIViews in the application.
- Developing complex UI on my own which make use of data from RealmSwift database using Singleton, Factory, Adaptor design patterns.
- Application Testing (App-Server Http api calls & UI Testing) and debugging
- Making use of DAOs, POJOs, MVC pattern for organising the project files.
- Messaging support designed and developed from the scratch using Pusher Messaging APIs.

SEPTEMBER 2016 – OCTOBER 2017

Client Engineer at 1Banyan Works India Pvt. Ltd.

PROJECT: **One Student** (Android application)

Banyan "Your college * made live" is being renamed to One Student "Supercharge your career", is a **mobile application** which runs on android and IOS operating system. It is simple way to connect the entire college network. It uses realm database running on Amazon Web Services. Its core logic has been developed in JAVA for android app and Swift for IOS app with team size of 3.

Roles & Responsibilities:

- Improvements and suggestions implementation provided by students from various hundreds of colleges.
- Stand alone Champion version of the Banyan application which helps college student champions to ease out the process for other students .
- Application Debugging.
- Application Testing.
- Messaging support designed and developed from the scratch using Pusher Messaging APIs.

JUNE 2016 – AUGUST 2016
Technical Consultant at 1Banyan Inc.
PROJECT: **Banyan** (Android application)

The Banyan android application is an AI driven education related, helps students to collaborate the college events with other colleges' students, to scan and share documents across all colleges, to notify the students regarding class timetable. It is an android

application which uses android libraries such as Picasso, Retrofit, Realm, Pusher, Firebase, Google Play Services, CollectionView, ZXing, Gson etc.

Team size:1

Academic Project

JANUARY 2016 – APRIL 2016
PROJECT: **Status prediction using BigData on cable networks and represent in Web application.**

This project provides data transferred over cable networks and analysis data in the forms of Bar, Line, Pi graphs which requires credentials to be provided. The input data is given from the Tableau software for presentation.

Team size: 3

- Led the team to finish 1st in Technical Relevance project at Intra-College Technical meet.
- Implemented this with Confidential organization, within the stipulated time using Web Technologies such as HTML5, Bootstrap, JQuery, JavaScript(graphs), Node.js etc.

JANUARY 2015 – APRIL 2015
PROJECT: **Computer Graphics 3-D building.**

The code is written in C and Computer Graphics.The link to the output https://drive.google.com/file/d/0ByHTZKNo7jS7SGtsMmdpelJDLWc/view?usp=sharing

Team size: 1

Education

JUNE 2016
Bachelor of Engineering
Graduated in Computer Science & Engineering with 74% from Cambridge Institute of Technology, KR Puram, affiliated to Visvesvaraya Technological University.

JUNE 2012
PUC
Secured 80.5% in Computer Science stream.

JUNE 2010
10th
Secured 90.73%.

Extracurricular

- Participated in various IT Quiz and code debugging contests.
- IRP Coordinator in college for 2 months with stipend.
- Organised and coordinated various cultural and technical events in college.
- Interests include Reading, Solving puzzles and music.

Profile & Project links

- Android app - https://play.google.com/store/apps/details?id=com.onebanyan.onestudent
- LinkedIn - https://www.linkedin.com/in/mahendra-n-06a144109/
- Github - https://github.com/MahendraRaj
- StackOverFlow - https://stackoverflow.com/cv/mahendraraj