

## **Education**

M.S - Computer Science - New Jersey Institute of Technology, Newark, NJ      **GPA : 3.3**      **Exp : Dec, 2017**  
Bachelor of Technology - Computer Science - Andhra University, India      **CGPA : 6.58**      **May, 2014**

## **Professional Experience**

- **iOS developer : New Jersey Institute of Technology, Newark, NJ (Jan, 2017 - June, 2017)**
  - Integrated Firebase Cloud Messaging Service to create public and private channels
  - Created custom iOS controls and crafted the animation during actions
  - Created data models for efficient access of persistent data using Realm databases
  - Managed REST API requests and responses using TRON framework to store data in Realm databases
  - Used Cocoapods to integrate Facebook SDK and GooglePlus SDK and Google Places SDK

## **Skills**

- Core Programming
  - Working with pointers, graphs and linked lists (1-D and 2-D) in C/C++
  - Working with GPU using CUDA and OPENGGL libraries in C/C++
  - Aware of the concept of coalescent memory access/ memory coalescing
  - Problem solving and **Algorithms** in Java and C++
- Prototyping and Wireframe
  - Sketch, Invision, Balsamiq Mockups, Axure, [draw.io](http://draw.io), Microsoft Visio
- Web / Full-Stack
  - NodeJS, ExpressJS, PassportJS, MongoDB, Node Middleware, Django, Flask, Swift Servers, Swift Engine
  - ReactJS, SASS, SCSS, LESS, HTML5, CSS3, Redux, Angular4, Redux Promises, FetchAPI, ES6, BabelJS
- Mobile
  - iOS SDK, Objective-C, Swift3, Swift2, Swift4, React Native, Alamofire, SwiftyJSON, BSON, MaterialUI for iOS

## **Projects**

- **Portfolio**
  - Designed specs using UIKit CSS and JS
  - Used NodeJS for loading the webpage with elements and hosted on Heroku
  - Designed images for Web and iOS on Sketch
  - Website : <http://iamkd.me>
- **Music application with Firebase and Spotify**
  - Integrated messaging service among peers using Firebase
  - formed the friends base using Facebook Login
  - programmed the storage technique in iOS using Realm databases
  - Implemented APN (Apple Push Notifications) for Firebase Cloud Messaging
  - Github link : <https://github.com/krishnadubagunta/Music>
- **Youtube Mock Project**
  - made using ReactJS and UIKit
  - deployed on Heroku and redirecting it from GitHub pages.
  - worked around laying out the structure to mock the youtube page
  - css media queries to adjust the video frame size to mobile screen sizes
  - Github link : <https://www.github.com/krishnadubagunta/youtube-mock-with-react>
  - Website : <http://youtube-mock.iamkd.me>
- **Campaigner Project**
  - MERN Stack project
  - credit card payments are done using Stripe API
  - created API
    - for user creation using Google OAuth and Facebook OAuth using PassportJS
    - for adding credits
    - handling payments
  - frontend created using materialize CSS
  - Github Link : <https://github.com/krishnadubagunta/Full-Stack-React-Node-Mongo>
  - Website : <https://fullstacktut.herokuapp.com/>
- **HTML Creator Project**
  - tool for beginners to learn HTML and view the result of HTML code with CSS style written in head tag or body
  - feature added to download the html written as html file
  - live preview of the html code written
  - redux used to send the state actions and perform actions based on the keystroke
  - Github Link : <https://github.com/krishnadubagunta/HTML-Creator>
  - Website : <https://htmlcreator.herokuapp.com>