

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

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>

Skills

- Core Programming
 - Working with graphs and pointers
 - Working with linked lists (1-D and 2-D)
 - Working with GPU using CUDA and OPENGL
 - Aware of the concept of coalescent memory access/ memory coalescing
- Prototyping and Wireframe
 - Sketch, Invision, Balsamiq Mockups, Axure, 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