

SAI KRISHNA DUBAGUNTA

MOBILE & WEB DEVELOPER

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Summary

- iOS developer with 2 years of experience in Objective-C and Swift, Swift 2, Swift 3
- Hands on experience in developing websites using HTML, CSS, Javascript, Angular 4, React & redux.
- Experience in frameworks like Realm databases, Firebase, Pubnub, TRON networking framework.
- Experience in Apple Push Notifications
- Expert user of vector based design platform - Sketch

Education

M.S - Computer Science - New Jersey Institute of Technology, Newark, NJ

GPA : 3.3 Exp : Dec, 2017

Bachelor of Technology - Computer Science - A.U Visakhapatnam, India

CGPA : 6.58 May, 2014

Key Skills

Web / Mobile	Languages	Databases	IDE	Web Servers	Design Tools	Other tools
HTML5 / CSS3 / JS	C++ / Java / Python	MySQL / SQLPlus	Xcode / Appcode	Apache Tomcat	Keynote / Sketch	Git kraken / Git bash
Angular 4/ React / NodeJS	Objective-C / Swift 2 & 3	MongoDb	Eclipse / IntelliJ	Heroku Cloud Server	Origami / Flinto / Invision	
iOS	CUDA C		Webstorm / Pycharm		Axure	

Professional Experience

- **iOS developer : New Jersey Institute of Technology, Newark, NJ (Jan, 2017 - June, 2017)**
 - Part of a team of developers working on a research project for Phd Under Dr. Quentin Jones
 - Working alongside UI designers and UX Researchers for a project that is a potential startup
 - Worked on integrating a messaging service for creating channels that are both public and private
 - Worked on creating custom controls on iOS platform to closely match the designs provided by the UI designers
 - Worked on Realm Databases to create data models for efficient access of persistent data
 - Worked on TRON framework to manage REST API requests and responses to store data in Realm databases.
 - Used Material Design framework from Cosmicmind for User Interface development.
 - Integrated FacebookSDK and GooglePlus SDK and Google Places using Cocoapods

- **Personal Projects**

- **Portfolio**

- Used UIKit framework for CSS and Javascript
 - Used NodeJS for loading the webpage with elements and hosted on Heroku
 - Designed images for Web and iOS on Sketch

- **Music application with Firebase and Spotify**

- Uses Firebase for interacting with friends and interacting with friends
 - Uses Facebook login to collect friends list
 - Uses Realm for storing frequent user information and data persistence
 - Implemented APN (Apple Push Notifications) for Firebase Cloud Messaging
 - Github link : <https://github.com/krishnadubagunta/Music>

- **RESTful API for the above project**

- has user registration and authentication using OAuth
- uses mongodb for databases
- has features for user's friends list , profile picture, and store conversation IDs for chat backups.
- implemented promises for retrieving data from Mongo and sending back to the user
- deployed, up & running on Heroku Cloud services

- **Youtube Mock Project**

- made using ReactJS and UIKit
- deployed on Heroku and redirecting it from GitHub pages.
- added CNAME file during deployment using package.json
- 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>