sai krishna dubagunta

Mobile & Web developer

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Github : github.com/krishnadubagunta

**Summary**

* I’m a 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>