

SAI KRISHNA DUBAGUNTA

IOS & 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 framework
- Experience in APIs like Stripe for online credit card payments, Google OAuth on node server.
- Experience with package managers like NPM
- Well-versed with version control using Git bash/desktop
- Experience in Apple Push Notifications
- Well-versed with the process of whiteboard coding.
- Expert user of vector based design platform - Sketch
- Familiar with Invision, Flinto and Axure for interactive designs.

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/ ES6	MySQL / SQLPlus	Xcode / Appcode	Apache Tomcat	Keynote / Sketch	Git kraken / Git bash
Angular 4/ React & Redux/ 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.
 - Integrated FacebookSDK and GooglePlus SDK and Google Places using Cocoapods
- **Personal Projects**
 - **Portfolio**
 - developed the design 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

- **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>
- **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.
 - 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>
- **Weather Forecast Project**
 - made using React and Redux on ES6
 - data is pulled from API using axios react library and ReduxPromise middleware
 - styling using Bootstrap CSS
 - Github Link : <https://github.com/krishnadubagunta/Weather-Forecast-Redux>
- **Blog Posts Project**
 - Routes and Links created using React Router on ES6
 - data is pulled from API using axios react library and ReduxPromise middleware
 - Styling using Bootstrap CSS
 - State is preserved using Redux
 - Github Link : <https://github.com/krishnadubagunta/Blog-Tut-Routes-React>
- **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
 - sending mails using nodemailer
 - frontend created using materialize CSS
 - Github Link : <https://github.com/krishnadubagunta/Full-Stack-React-Node-Mongo>
- **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>