RUBIN JOHNY

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EDUCATION

UNIVERSITY OF SAN FRANCISCO San Francisco, United States	**MS in Computer Science**	*Aug 2019 - May 2021*
RAJAGIRI SCHOOL OF ENGINEERING AND TECHNOLOGY, Kerala, India	**B.Technology in Computer Science (Engineering)**	*Aug 2013 - Jun 2017*

TECHNICAL SKILLS

Languages	JavaScript, Python, JAVA, C, C++, SQL, HTML, CSS
Engine/Frameworks/Libraries	ReactJS, ReactNative, Redux, D3, NodeJS, LoopbackJS, MeteorJS
Tags	Firebase, Machine Learning, Pusher, Expo, AWS, MongoDB, Git

PROFESSIONAL EXPERIENCE

SNAPLOGIC	*Software Engineer Intern*	*Aug 2020 - present*

(Javascript, ReactJS, Java, SnapLogic Elastic Platform)
- Built and integrated a new feature to the Snaplogic Elastic Platform to deploy a web application in a single click.
- Developed a web application that renders dynamic UI components based on the Pipeline configuration.
- The solution enables the business users to directly interact with the pipelines via the deployed web application.

UNIVERSITY OF SAN FRANCISCO	*Research Assistant*	*Jul 2020 - Dec 2020*

(D3, Javascript, ReactJS)
- Research on visualizing off-screen data on small-screen devices using graphical representations.

UNIVERSITY OF SAN FRANCISCO	*Software Engineer*	*Dec 2019 - present*

(ReactNative, ReactJS, Redux, Python, MySQL, Firebase, Expo)
- Developed a social media mobile platform that allows users to record poem recitations and share them globally.
- Built a Mobile Application that accommodates user playlists, queues, recording, and other audio features.

WEBDURA TECHNOLOGIES	*Senior Software Developer*	*Sep 2018 - Jul 2019*

(ReactNative, ReactJS, Redux, NodeJS, MeteorJS, MongoDB, Pusher, Expo, Xcode, Android Studio)
- Served as Interim Project Manager and came up with solutions to increase engineering quality and efficiency
- Developed a CRM to track and monitor customer lead generation and sales metrics.
- Collaborated with teams to build custom algorithms using NodeJS and reduced the data retrieval time by 40%
- Automated data entry with a draggable component that maps JSON keys to the corresponding fields
- Implemented Redux as a state management tool to develop reusable table components with sort/filter features.

HUBSPIRE	*Software Engineer*	*Jun 2017 - Sep 2018*

(ReactNative, ReactJS, Redux, NodeJS, LoopbackJS, MongoDB, Google Firebase)
- Led the project team remotely to create a data-driven mobile app for the Government of Kerala to let users alert government officials on road-hazards caused by the Kerala Floods of 2018 under strong time constraints
- Developed a social media platform for user-generated political content by collecting user's political preferences.
- Designed and developed custom components for photo upload, tags and polling features to cast informal votes.
- Developed a reusable real-time chat component *(single and group chat)* using Google Firebase.

START-UP / ACADEMIC PROJECTS

Taeble - Lead Developer - *Mobile, Web, Tablet*   *ReactNative*

One-stop solution for restaurants and customers to digitize food ordering, in-restaurant dining and delivery process.

MetroFish - Lead Engineer - *Web*   *ReactJs, NodeJs, LoopBackJs,MongoDB*

ERP system with inventory, billing, dynamic updates and stock requests for business operations. Deployed in 3 stores.

Jogging Route Suggestor - Founder, Developer - *Mobile*   *ReactNative, Google Maps API*

An innovative application that suggests jogging circuits using a custom algorithm based on the user's preferences

Movie Predictor using CNN model - Developer - *Machine Learning*   *Python, Google Colab*

Predict movie by visual analysis of user sketches with 81.55% accuracy. Voted one of the best ML projects of Spring '20

Self Sanitization of Digital Images using Steganography - Developer   *Matlab*

The image-processing system is immune to Steganalysis attacks that embeds sensitive data within itself.