



SANDEEP REDDY KAMBHAM

FRONT END DEVELOPER 📍 MONTRÉAL, CANADA ☎ +1(438) 927-0208

◦ DETAILS ◦

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◦ LINKS ◦

[Portfolio](#)
[GitHub](#)
[Linkedin](#)

◦ SKILLS ◦

HTML5
CSS
JavaScript
React
Redux
Sass
AJAX
React-router
Rest API's
React-Native(basic)
Firebase/Google API's



PROFILE

A motivated Front End Developer with 2 years of professional experience and self-interest in developing fast-paced projects with quality in mind. Proficient in JavaScript, HTML5, CSS3, ReactJS and redux.



EDUCATION

Master of Engineering, Concordia University, Montréal

September 2018 — September 2020

Master of Engineering (CGPA - 3.83/4.3)

- Specialization in Computer Engineering and Telecommunications
- Main course work: **Software engineering**, Microprocessors and their applications, Higher layer protocols.
- Notable Project: Content delivery network Design and implementation :
 - Developed an efficient **CDN** network which reduces the average delay time for a user by sending the video from a geographically near server or from a less traffic server.
 - Developed a website for the admin to upload videos to the main server and to automatically copy videos to **replica servers** located in the Asia Pacific and Europe.
 - Developed an **interactive website** for a user to watch videos from a nearby local server.

Environment: JavaScript, CSS, HTML, AWS, EC2, S3, lambda, Route53, FileZilla.

Bachelor of Technology, St. Martin's Engineering College, Hyderabad

September 2012 — September 2016

Department of Electrical and Communications Engineering.



PROJECTS

Chat app - React JS (web)

This is an online video calling platform developed using webRTC technology and react. You can discover people online and make friends and have a video chat with them. Accessible at [Chat-app](#).

- This is a single-page application developed with **React**.
- Experience on working with react **states**, props and lifecycle methods.
- Worked on capturing and sending media like audio/video/screen share.
- Experience in writing functional/class components.
- Used **promises** to make sure that signalling is done in exact order for a video call to initiate.
- Retrieving data from firebase as a back-end to dynamically show user status.
- Worked with JavaScript **ES6** features, **JSX**.
- Implemented **drag-drop** to move elements.
- Implemented version control with **gitHub**.
- Worked on building the application using **npm** and successfully deployed the app.

Shopping cart app - React JS (web)

This is a shopping website where user can browse through various categories of products, add them to the cart and checkout by making a payment and receive a confirmation email.

- Experience of using **redux** as the state management system.
- Worked with forms and written own form validations to align with the custom forms.
- Worked with **JSON** data format to show various details of an item with a clean UI.

- Experience of integrating a **payment** method in the website and dynamically change the screen depending on a successful or failed payment.
- Worked on dynamically changing **CSS** classes based on states, scroll positions and clicks.

Vibe check application - React Native (iOS)

This is an iOS application which can be used to check the vibe of a location by viewing recently uploaded pictures. User can take a snap in the app and upload it to the vibe of the nearby location.

- Developed using **React-Native** framework.
- Worked on accessing the camera and taking a picture in the application using **react-native-camera**.
- Created a flow where the uploaded image URL is saved in Real-Time DB and the actual image in a regular database.
- Worked with **react-native-maps** map library to show the user location on a map and to show locations for vibe check.
- Experience in iOS simulation and development using **Xcode**.

All the projects can be found in my gitHub profile - <https://github.com/sandeepkambham08>



EMPLOYMENT HISTORY

Analyst at Amazon , Hyderabad

May 2017 — August 2018

- Created programs in TamperMonkey using **JavaScript**.
- Developed an add-on form on the website to perform multiple manual updates on a single click, this reduced the action time for working on a task by **25%**.
- A key member in migrating an online ticket tracker system **front-end**, to align with the new backend.
- Analyze all the changes happening in the amazon transportation network using test **deployments** into the systems.
- Look for any unintentional changes happening in the network, by going through the **logs** on a test database and cascade the information to the business teams for configuration changes.
- Communicated in an efficient way with many teams in various regions across the globe for required changes in carrier configurations.
- Organized various biweekly meetings with various clients to understand and remove the pain points.
- Worked as a **scrum** master to make sure that **agile** mythologies are implemented correctly.
- **Environment:** JavaScript, HTML, SQL, Linux, Amazon s3.

Associate Software Engineer at Tech Mahindra, Hyderabad

August 2016 — April 2017

- Worked as an engineer in the transaction risk management team which supports banking clients.
- Worked rigorously on data from relational database using **SQL** queries.
- Analyze the retrieved data using visualization tools like Tableau.
- **Environment:** SQL, MySQL, Tableau, C.



LANGUAGES AND TECHNOLOGIES

- Languages: C, Java (basic)
- IDE: Microsoft Visual studio, Sublime Text
- Operating system: Linux, Windows, Mac OS
- Database: MySQL
- Tools: WinSCP, putty,
- AWS: EC2, S3, lambda, Route53
- Others: webRTC, GitHub, npm, material UI, Sass