SANDEEP REDDY KAMBHAM

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

⊙ DETAILS ⊙

Montréal, Canada
+1(438) 927-0208
sandeepkambham08@gmail.com

⊙ LINKS ⊙

GitHub

Linkedin

⊙ SKILLS ⊙

HTML5

CSS

JavaScript

React

Redux

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

★ PROFILES

GitHub: https://github.com/sandeepkambham08

Linkedin: https://www.linkedin.com/in/sandeep-reddy-kambham-705905110/