

# Truecaller Technical Assignment

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## Commands

Command to run the server on port 5000

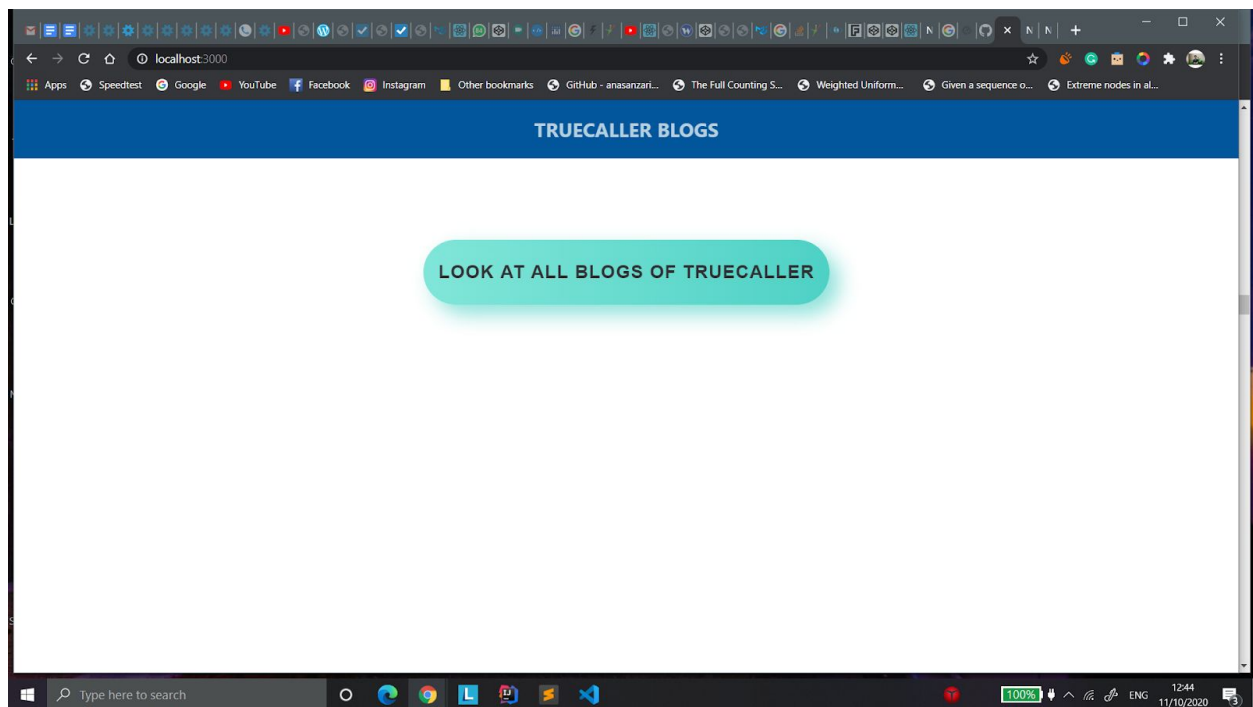
**>>node index**

Command to start the React client on port 3000

**>>npm start**

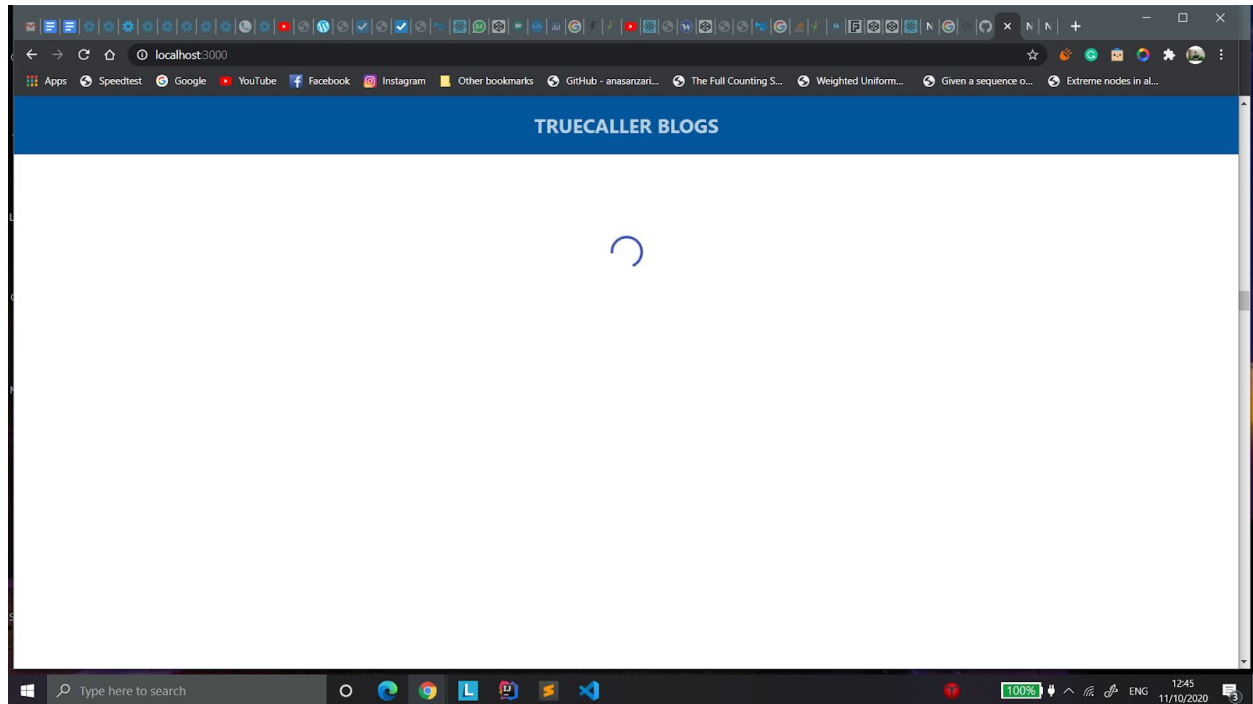
## SCREENS

### HOME PAGE

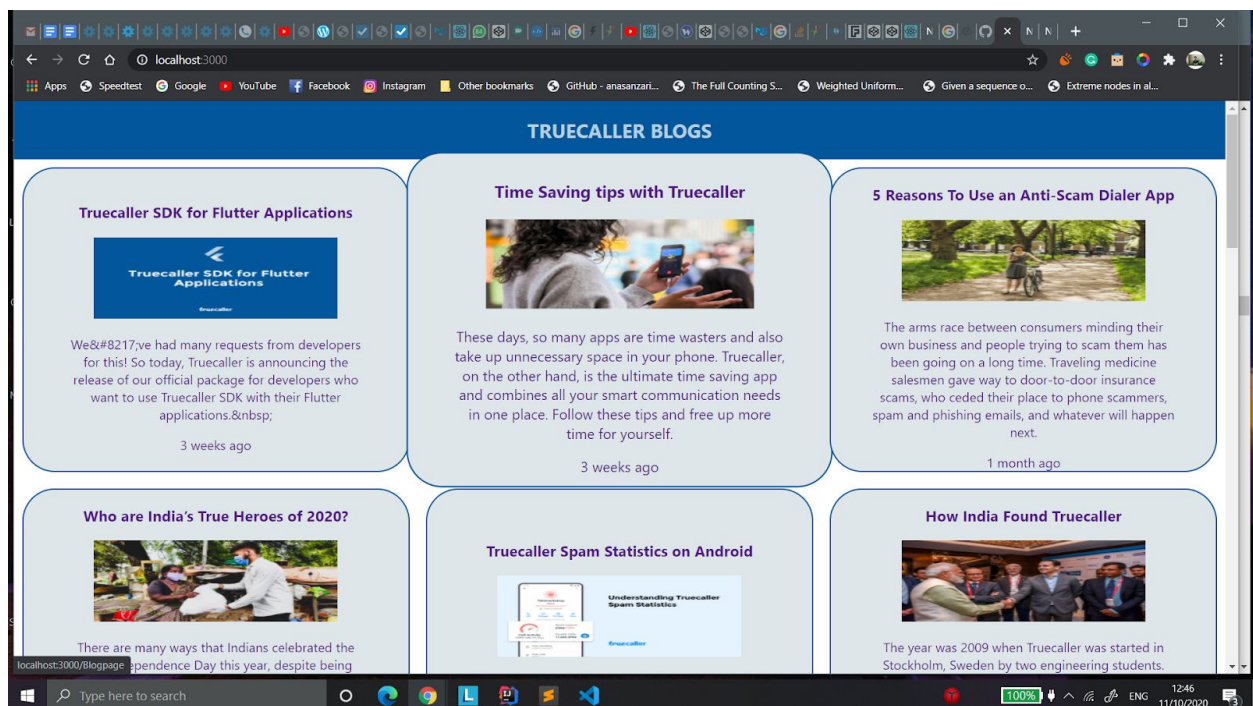


When we click on LOOK AT ALL BLOGS OF TRUECALLER

## 1. Loading screen



## 2. List of Blogs



localhost:3000


AppsSpeedtestGoogleYouTubeFacebookInstagramOther bookmarksGitHub - anasanzi...The Full Counting S...Weighted Uniform...Given a sequence o...Extreme nodes in al...

Want to use Truecaller SDK with other native applications.&nbsp;3 weeks ago

in one place. Follow these tips and free up more time for yourself.3 weeks ago

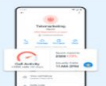
scams, who stole their place to phone scammers, spam and phishing emails, and whatever will happen next.1 month ago

Who are India's True Heroes of 2020?



There are many ways that Indians celebrated the 74th Independence Day this year, despite being affected by the COVID-19 pandemic. Truecaller decided to reach out to social media to find the true heroes of India &#211; people that have kept the country running by working behind the scenes for their communities. We also scoured social &#211; Continue reading Who are India's True Heroes of 2020? &#211;1 month ago


Truecaller Spam Statistics on Android



Understanding Truecaller Spam Statistics  
Truecaller


As spam calls and SMS skyrocket around the world, Truecaller has created a way to help you understand more about the spam you receive. That&#217; why we have added Spam Statistics to our Android Truecaller app.1 month ago

How India Found Truecaller




The year was 2009 when Truecaller was started in Stockholm, Sweden by two engineering students. Alan Mamed and Nami Zarringhalam created an app to help themselves discover who was calling them. What would later become one of the most famous communication apps in the world, Truecaller spread like wildfire simply through word of mouth &#211; &#211; Continue reading How India Found Truecaller &#211;1 month ago

You can now Schedule your SMS




Schedule that birthday SMS

The 5 Best Practices for Truecaller Users



Bottom Sheet layout on Truecaller SDK



Bottom Sheet Layout on Truecaller SDK

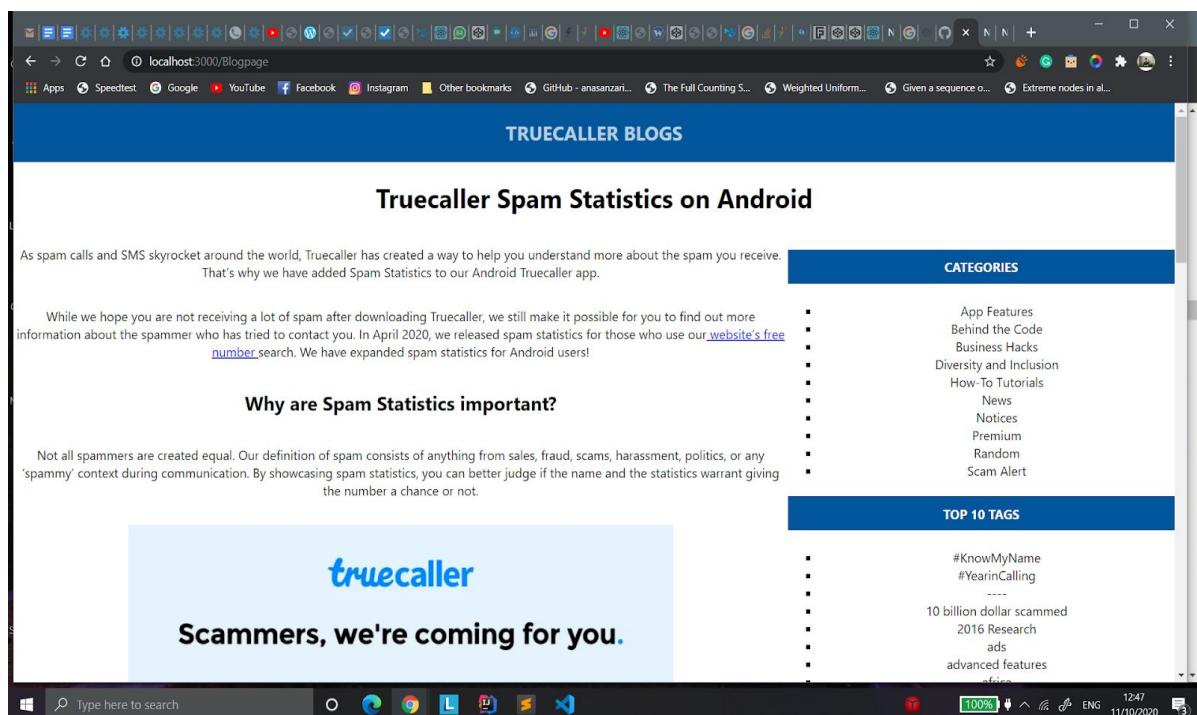
Type here to search

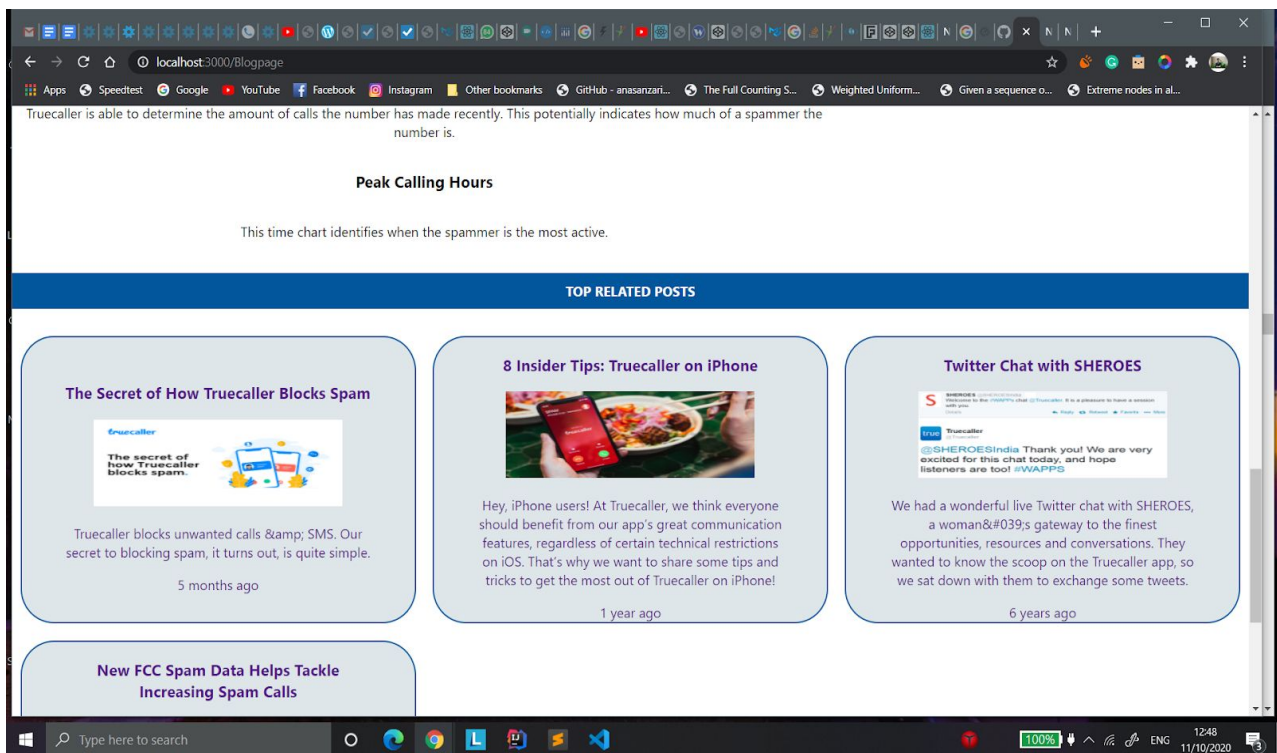
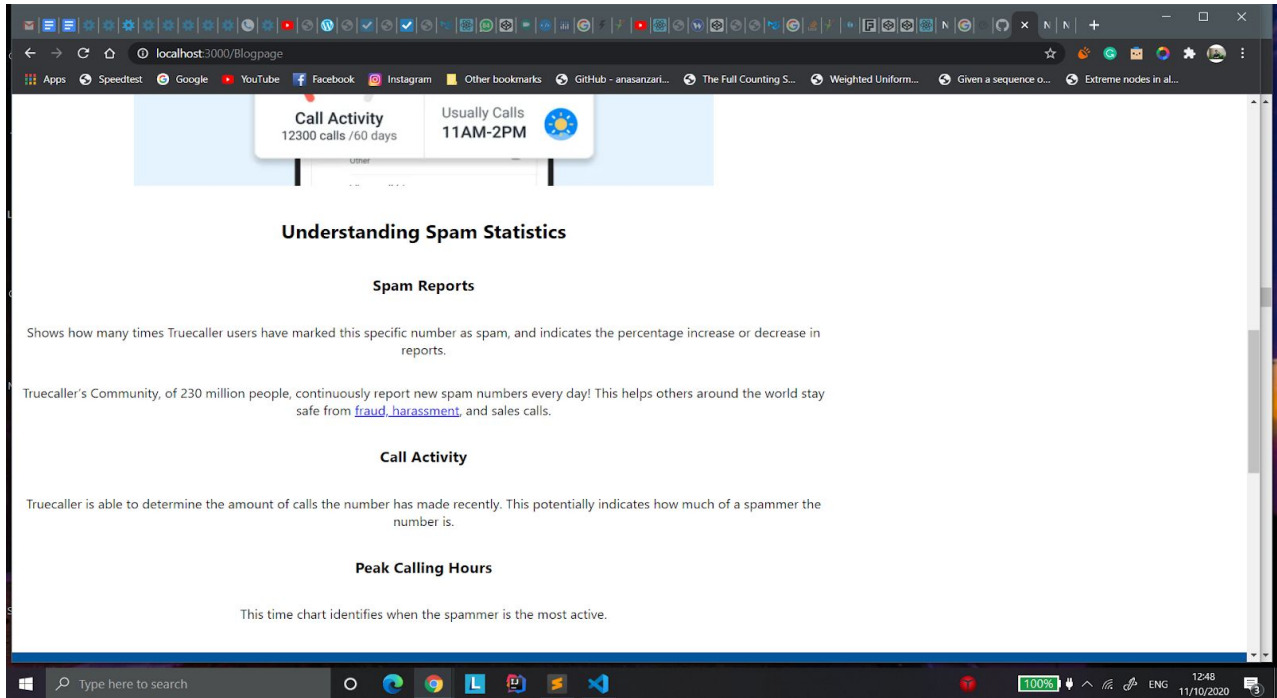
100%12:4611/10/2020ENG

# BLOG PAGE

OnClick of any of the cards we will be redirected to that particular Blogs Page which will contain following:

1. Content
2. List of tags
3. List of Categories
4. Related posts in form of cards





Onclick of any of the cards in THE RELATED POSTS section will render the contents, tags, categories of that page in BlogPage

# Explanation of the Solution

## Server:

Created a server using express exposing following endpoints-

<http://localhost:5000/fetchblogs> [METHOD-GET ]

<http://localhost:5000/tags>[METHOD-POST ]

<http://localhost:5000/categories>[METHOD-POST ]

<http://localhost:5000/fetchRelatedPosts>[METHOD-POST ]

## /fetchblogs-

It calls <https://public-api.wordpress.com/rest/v1.1/sites/107403796/posts/> to get list of all blogs associated with this site along with their title, contents,time,thumbnails,siteld,BlogId and send it as a response in form of an array of jsons to the client

## /tags-

It calls

[https://public-api.wordpress.com/rest/v1.1/sites/\\${req.body.siteId}/tags](https://public-api.wordpress.com/rest/v1.1/sites/${req.body.siteId}/tags)

To get list of all tags associated to a particular blog and push it into an array and return the array as a response to the client

## /categories-

It calls

[https://public-api.wordpress.com/rest/v1.1/sites/\\${req.body.siteId}/categories](https://public-api.wordpress.com/rest/v1.1/sites/${req.body.siteId}/categories)

To get a list of all categories associated with a blog and push it into an array and return it to the client as a response.

## /fetchRelatedPosts-

It calls

```
https://public-api.wordpress.com/rest/v1/sites/${req.body.siteId}/posts/${req.body.id}/related?http_envelope=true
```

To get the ids of related post and with the help of the id we will call

```
https://public-api.wordpress.com/rest/v1.1/sites/\${id}/posts/\${element.fields.post\_id}
```

To get content,id,thumbnail,time,title associated with the blog and create a json for each related blog with these attributes and push it into an array and return this array of json as a response to the client.

## Client:

I have used react to build the frontend.

## 3rd party libraries used-

1. Axios
2. TimeAgo- to display time in min,secs,hours,days,week,months ago format
3. CircularProgress- to display loading screen
4. Html-react-parser-to parse string containing html+text to text

Used Link of react-router-dom to route to Blogposts.js with the relevant props onClick of the cards.

Used Route to define Route for BlogPosts.js

Rest all comments have been added in the files that will explain the rendering and reusing of components.

Reusable Components:

1. BlogPost.js
2. Cards.js
3. Card.js
4. Lielment.js