SRI RAMACHANDRA ENGINEERING AND TECHNOLOGY

TRAVELLER APP

CA4 CSE 320-CLOUD COMPUTING

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INTRODUCTION

Traveller app, is for people who'd love to travel all across the globe in affordable prices. We provide additional services for booking hotel rooms and joyful trips including honeymoon vacay, fam vacay and also we provide our travelling must have products based on your journey. Come explore the world with us by subscribing to our yotube and getting started by a 3-step sign up procedure :)

PROJECT ABSTRACT

To create a travel app using Reactjs and host it using Amazon Web services like Amazon S3, Amazon CloudFront and Amazon Route 53.

System Architecture
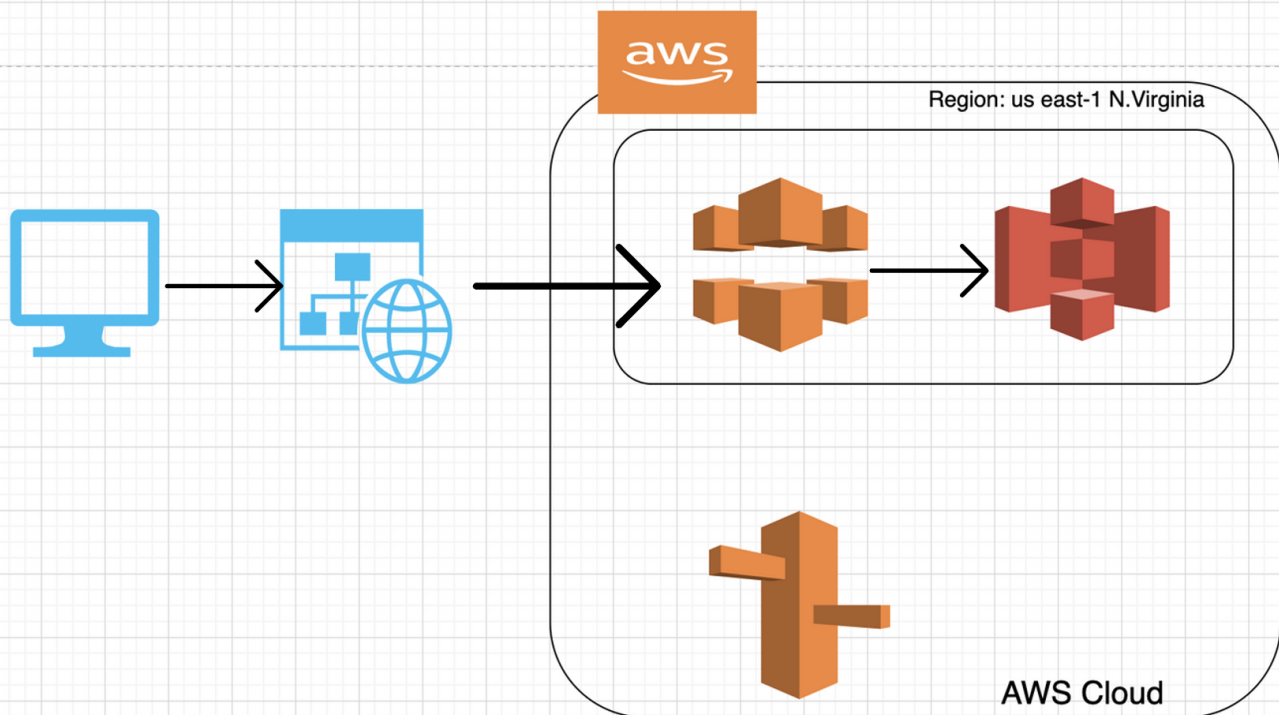
PROPOSED WORK

The proposed work we had indulged in our project is as follows, firstly we created an AWS S3 bucket and configured it's settings by setting up static website hosting, CORS code and so on. We then created our react application and deployed it directly from VS Code which incase made all our files to upload automatically onto the S3 bucket. Hence we could access our app from the static website hosting URL. We then created a Cloud Front distribution in order to access our app for people located at the edge locations all over the world. Finally we bought ourselves a domain and linked it with AWS Route 53 service by creating hosted zones and records so that users could access our project using the World Wide Web.(www.trvl.ml)

System Architecture

APP CREATION

DEPLOYING TO S3

HOST VIA CLOUDFRONT

HOST IN ROUTE 53

AWS SERVICES

S3 :

Amazon Simple Storage Service (Amazon S3) is storage for the Internet. It is designed to make web-scale computing easier. Amazon S3 has a simple web services interface that you can use to store and retrieve any amount of data, at any time, from anywhere on the web. It gives any developer access to the same highly scalable, reliable, fast, and inexpensive data storage infrastructure that Amazon uses to run its own global network of websites. The service aims to maximize the benefits of scale and to pass those benefits on to developers.

CLOUDFRONT:

Amazon CloudFront is a content delivery network operated by Amazon Web Services. Content delivery networks provide a globally-distributed network of proxy servers that cache content, such as web videos or other bulky media, more locally to consumers, thus improving access speed for downloading the content.

ROUTE 53:

Amazon Route 53 is a highly available and scalable cloud Domain Name System (DNS) web service. It is designed to give developers and businesses an extremely reliable and cost effective way to route end users to Internet applications by translating names like www.example.com into the numeric IP addresses like 192.0.

REFERENCES

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