

Project report on

PORTFOLYO

A Dissertation submitted to JNTU Hyderabad in partial fulfillment of the academic requirements for the award of the degree.

Bachelor of Technology In Computer Science & Engineering

Submitted by

J Deepesh
19H51A05G2

K Pavan Madhur
19H51A05G9

K Rajani
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Under the esteemed guidance of

Mr.M.Parameswar
Assistant Professor



Department of Computer Science and Engineering

CMR College of Engineering & Technology

(An Autonomous Institution under UGC & JNTUH, Approved by AICTE, Permanently Affiliated to JNTUH, Accredited by NBA.)

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KANDLAKOYA, MEDCHAL ROAD, HYDERABAD - 501401.

2019- 2023

CMR COLLEGE OF ENGINEERING & TECHNOLOGY

KANDLAKOYA, MEDCHAL ROAD, HYDERABAD – 501401

DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING



CERTIFICATE

This is to certify that the Mini Project-1 report entitled "**Portfolyo**" being submitted by J.Shiva Venkata Deepesh(19H51A05G2), K.Rajani(19H51A05G7), K.Pavan Madhur(19H51A05G9) in partial fulfillment for the award of **Bachelor of Technology in Computer Science and Engineering** is a record of bonafide work carried out his/her under my guidance and supervision.

The results embody in this project report have not been submitted to any other University or Institute for the award of any Degree.

Mr.M.Parameswar
Assistant Professor
Dept. of CSE

Dr. K Vijaya Kumar
Professor and HOD
Dept. of CSE

ACKNOWLEDGEMENT

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SIGNATURE

J Deepesh

K Pavan madhur

K. Rajani

DECLARATION

We hereby declare that results embodied in this Report of Project on “Portfolyo “are from work carried out by using partial fulfillment of the requirements for the award of B.Tech degree. We have not submitted this report to any other university/institute for the award of any other degree.

SIGNATURE

J Deepesh

K Pavan madhur

K. Rajani

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ABSTRACT

Now-a-days every Tech job aimers are required to have a resume or a personnel website showcasing their work and skills! Personnel websites or portfolio's grab the interviewer attention quick as they can know about you just by clicking a link. They need not download anything to check about you! The major concern is that not every one knows Web Development, there are people who are really good at other technologies, since they might want their personnel portfolio's as well, they need to learn entire Web development stack to build a basic website with complete functionality which might consume a lot of their precious time. This is where our project “ **PORTFOLYO** ” comes into light, this is a website that allows anyone to create their own portfolio website with ease. This website allows anyone to create their own personnel portfolio website without any knowledge of web development. As it is a website a person can access it anywhere, on any device and at anytime without any delay.

CHAPTER 1

INTRODUCTION

1.1 AIM

The aim of this project is to provide the people a way to create their personnel portfolio's by skipping the part of learning web development from scratch. We want to give our users many different customizations from which they can choose to match their interests and tastes.

1.2 SCOPE

Since our project is a very basic version of what we planned we want to include these features in the project in the future:

We would like to add an AI assistant to recommend the user better design.

We would like to add many more templates to the website.

We would like to categorize the users according to their profession and suggest them their customized profolio's.

1.2.2 LIMITATIONS

- Limited to create only a portfolio website.
- Do not have an advantage of creating any type of website other than portfolio.
- Website should be done only from the available templates.

CHAPTER 2

BACKGROUND WORK

2.1 INTRODUCTION

The idea of creating a website was tough when you had no knowledge on how to create one. One has to learn from the basics to create a website before . Then , web applications came into effect where you can create website and get a domain from those web applications .

2.2 EXISTING SOLUTIONS

1) WIX:

Wix allows users to create HTML5 websites and mobile sites through the use of online drag and drop tools. Wix is a website offering users to create a website without any knowledge of technical stuff Which is required to build a website. Users can add social plug-ins, e-commerce, online marketing, contact forms, e-mail marketing, and community forums to their web sites using a variety of Wix and third-party applications. They too offer their customers with various customizations to build their own websites.

- Offers templates for various use-case websites.
- User doesn't need any kind of backend or database knowledge to build a website
- User needs to pay to unlock the templates and use them!
- Hosting a Wix website is quite costly. The price per month tends to be very high.



2) WORDPRESS:

WordPress is a free and open-source content management system written in PHP and paired with a MySQL or MariaDB database. Features include a plugin architecture and a template system, referred to within WordPress as Themes. Wordpress offers Various templates for the user to build their websites on!

- Offers templates for various use-case websites.
- User needs to have backend knowledge like creating servers using php and handling visitor data.
- User can access any template for free of cost.
- You need to have the knowledge of hosting to host your website.



CHAPTER 3

PROPOSED SYSTEM

3.1 INTRODUCTION

Portfolyo , a web application enables you to create and share a personal website by hosting your website. What's better than having a website of portfolio of your's. Click, Drag and Drop are used to make a website of yours.

Having no knowledge on creating websites is not a big problem now with our web application. We give templates for different tastes with different colours and many more choices. A user-friendly web application is what more important to create a good website. That is easy with the portfolyo.

The purpose of this project is to provide the people a way to create their personnel portfolio's by skipping the part of learning web development from scratch. We want to give our users many different customizations from which they can choose to match their interests and tastes. People from various domains can create their own portfolio's which they can show case to others.

3.2 SYSTEM DESIGN

The proposed system is a web application that allows users to create websites. To create a website one needs to create an account and create their website. Users initially need to Authenticate themselves. They can choose their portfolio template. The template is loaded to them. Users can then edit the template using click and select & drag and drops. After they have edited the website they can save their website. After saving the website they can deploy their website on our platform. After deployment the users are provided a hyperlink to their deployed website The Website can be accessed by anyone at anytime.

3.3 REQUIREMENT ANALYSIS

3.3.1 Hardware Requirements

- Desktop/Laptop
- Internet

3.3.2 Software Requirements

- Front End:
 - React
 - HTML
 - CSS
 - JavaScript
 - Material-UI
 - Redux
 - Chakra-UI
- Back End:
 - NodeJs
 - ExpressJs
 - MongoDB
 - Redis
 - Docker
 - Nginx ○
 - RestAPI

3.4 ADVANTAGES

- Dedicated towards the templates of personnel portfolio's.
- User doesn't need to have any kind of backend knowledge!
- User's are given many customizations for free of cost!
- We provide user's Hassle free portfolio's for free and they need not have any knowledge about hosting!

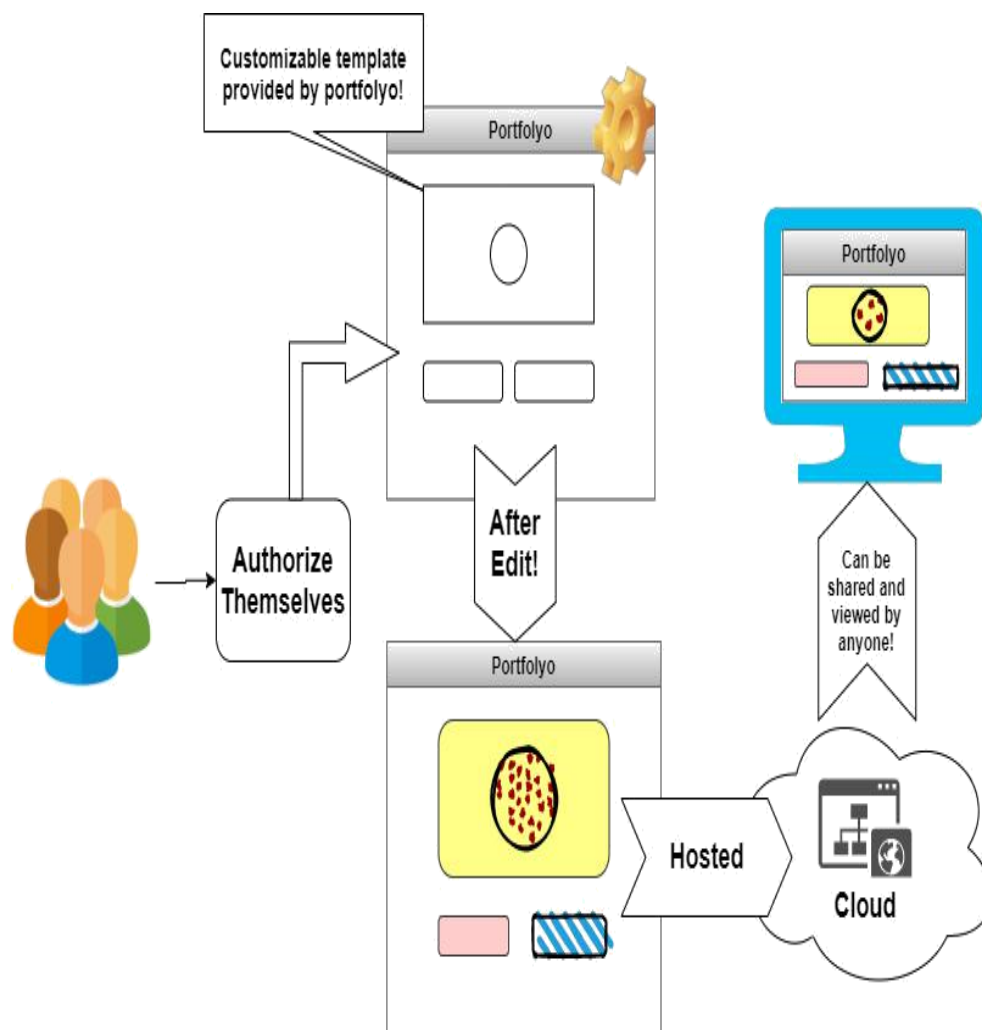
CHAPTER 4

DESIGNING

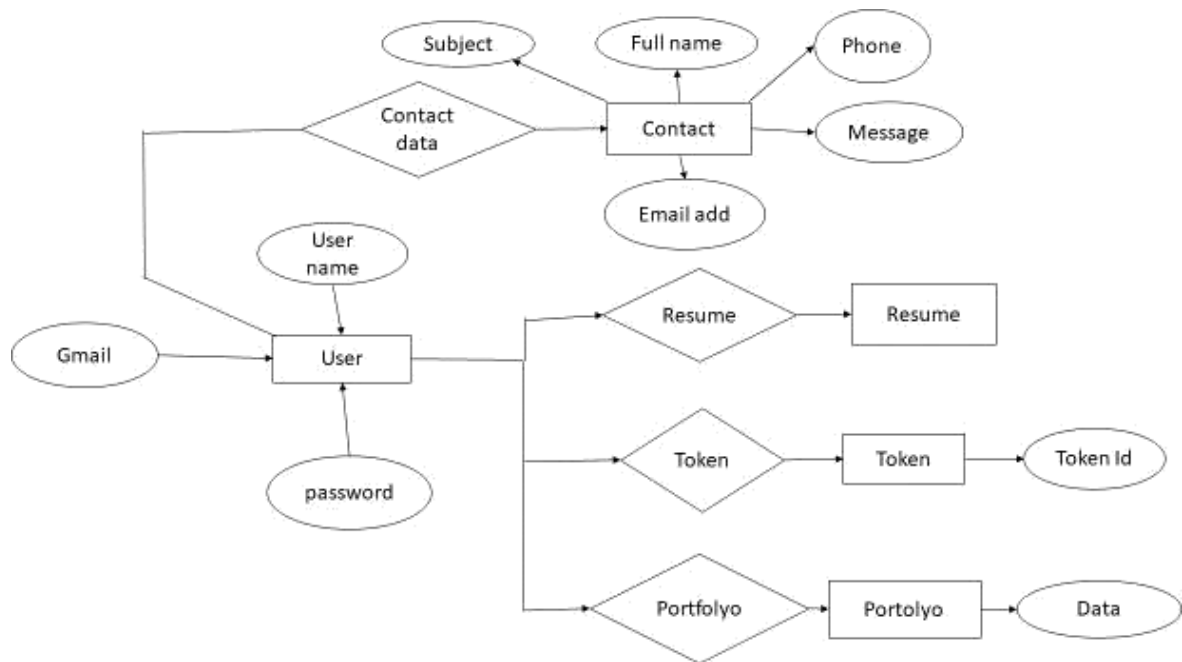
4.1 PRELIMINARY DESIGN

which assist in preliminary design process, are Flow Chart and ER diagrams.

4.1.1 Flow Chart



4.1.2 ER Diagram



CHAPTER 5

RESULTS AND DISCUSSION

5.1 IMPLEMENTATION

```
... @@ -0,0 +1,22 @@
1 + const contact = require("../models/contact");
2 +
3 + const submitQuestion = async (req,res) => {
4 +   try{
5 +     const {fullName,emailAddress,phone,subject,message} = req.body;
6 +     const contactDetails = contact({
7 +       fullName,
8 +       emailAddress,
9 +       phone,
10 +       subject,
11 +       message
12 +     });
13 +     await contactDetails.save();
14 +     return res.status(200).send("message sent successfully !!");
15 +   }catch(err){
16 +     return res.status(400).send("error : "+err);
17 +   }
18 + }
19 +
20 + module.exports = {
21 +   submitQuestion
```

Fig 9. Home page

```
backend/controllers/RegisterAndLogin.js
25 25 return res.status(400).send("pass and conform pass not matching");
26 26 } else {
27 27   try {
28 -     let result = await user.findOne({
29 -       username,
30 -       email
31 +     let result = await user.exists({
32 +       username
33 +     });
34 -     if (result) {
35 -       return res.status(400).send("username or email already exists");
36 -       return res.status(400).send("username already exists");
37 -     } else {
38 -       token = await jwt.sign({
39 -         password,
40 -         email,
41 -         username,
42 -       }, process.env.secret_key);
43 +     let result = await user.exists({
44 +       email
45 +     });
46 -     if (result) {
47 -       return res.status(400).send("email already exists");
48 -     } else {
```

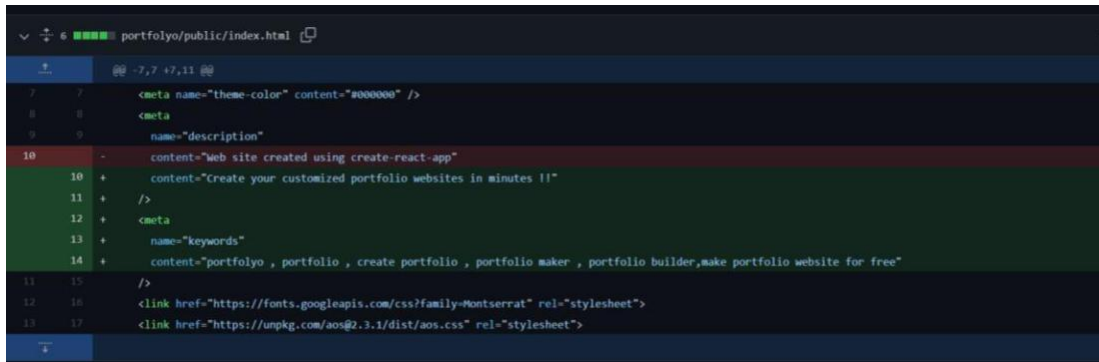
Fig 10. Sign in page

```
21 lines (18 sloc) 653 Bytes
1  const mongoose = require("mongoose");
2
3  let connection=null;
4
5  const connectToMongoDb = () => {
6    mongoose.connect("mongodb+srv://portfolio:${process.env.databasePassword}@portfolيوبuilder.ulyss.mongodb.net/PortfolioBuilder?retryWrites=true&majority',{
7      useCreateIndex:true,
8      useNewUrlParser:true,
9      useFindAndModify:true,
10     useUnifiedTopology:true
11   }).then(()=>{
12     console.log("CONNECTED TO MONGODB");
13     clearTimeout(connection);
14   }).catch(err=>{
15     console.log(err);
16     console.log("reconnecting mongodb ...");
17     connection=setTimeout(connectToMongoDb,5000);
18   });
19 }
20
21 connectToMongoDb();
```

Fig: sign up page

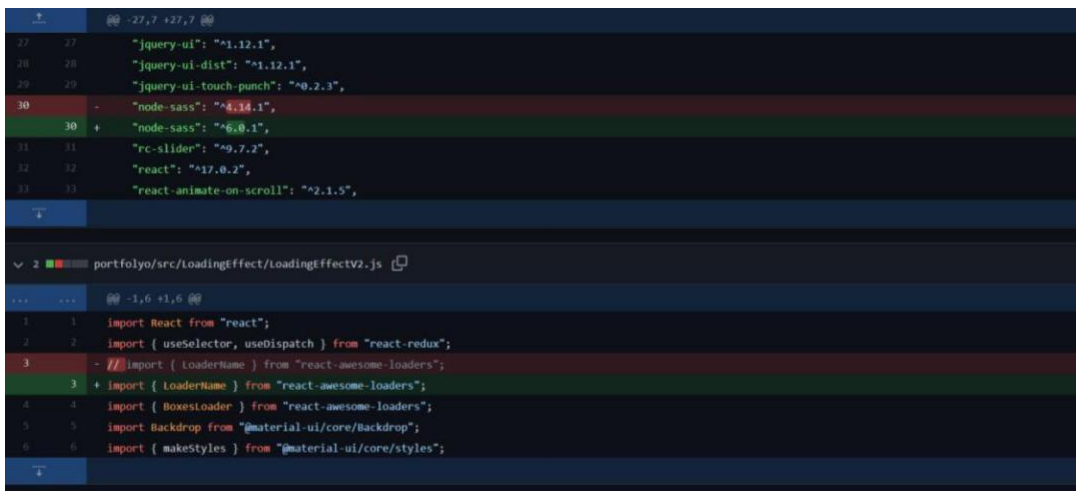
```
portfolyo/src/PortfolioWebsite/Containers/GetWebsite/GetWebsite.jsx
@@ -65,8 +65,8 @@ const GetWebsite = (props) => {
65 65     const home = useRef(null);
66 66     const [load,setload] = React.useState(false);
67 67     React.useEffect(async ()=>{
68 -     const {username,id} = props.match.params;
69 68     try{
70 69 +     const {username,id} = props.match.params;
71 70     const result = await axios({
72 71     url: `${Baseurl}/getportfolyo/${username}/${id}`,
73 72     method:"get",
@@ -85,6 +85,7 @@ const GetWebsite = (props) => {
85 85     setload(true);
86 86   })catch{
87 87     console.log("error");
88 +     setload(true);
89 88   }
90 89
91 90     dispatch({type:"viewmode",payload:true});
@@ -163,39 +164,6 @@ const GetWebsite = (props) => {
163 164
164 165     </Backdrop>
164 165     <div className="Mainbackground" ref={home}></div>
```

Fig: mobile and desktop Previews



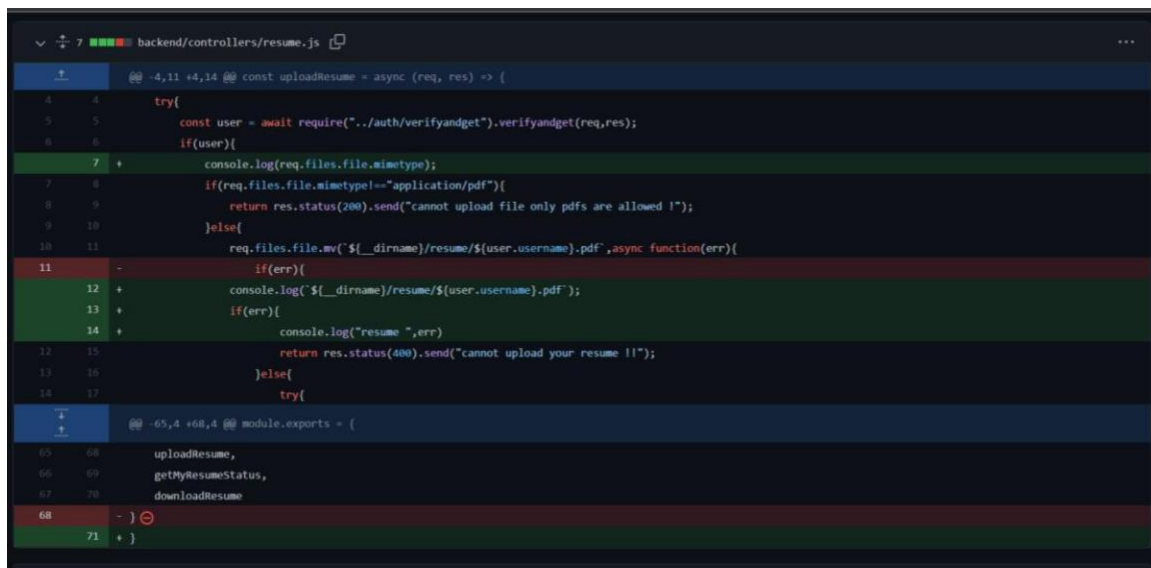
```
portfolio/public/index.html
7 7 <meta name="theme-color" content="#000000" />
8 8 <meta
9 9   name="description"
10 10  content="Web site created using create-react-app"
11 11  content="Create your customized portfolio websites in minutes !!"
12 12  />
13 13 <meta
14 14   name="keywords"
15 15   content="portfolio , portfolio , create portfolio , portfolio maker , portfolio builder,make portfolio website for free"
16 16 />
17 17 <link href="https://fonts.googleapis.com/css?family=Montserrat" rel="stylesheet">
18 18 <link href="https://unpkg.com/aos@2.3.1/dist/aos.css" rel="stylesheet">
```

Fig 13.project upload page



```
portfolio/src/LoadingEffect/LoadingEffectV2.js
1 1 import React from "react";
2 2 import { useSelector, useDispatch } from "react-redux";
3 3 // import { LoaderName } from "react-awesome-loaders";
4 4 import { LoaderName } from "react-awesome-loaders";
5 5 import { BoxesLoader } from "react-awesome-loaders";
6 6 import Backdrop from "@material-ui/core/Backdrop";
7 7 import { makeStyles } from "@material-ui/core/styles";
```

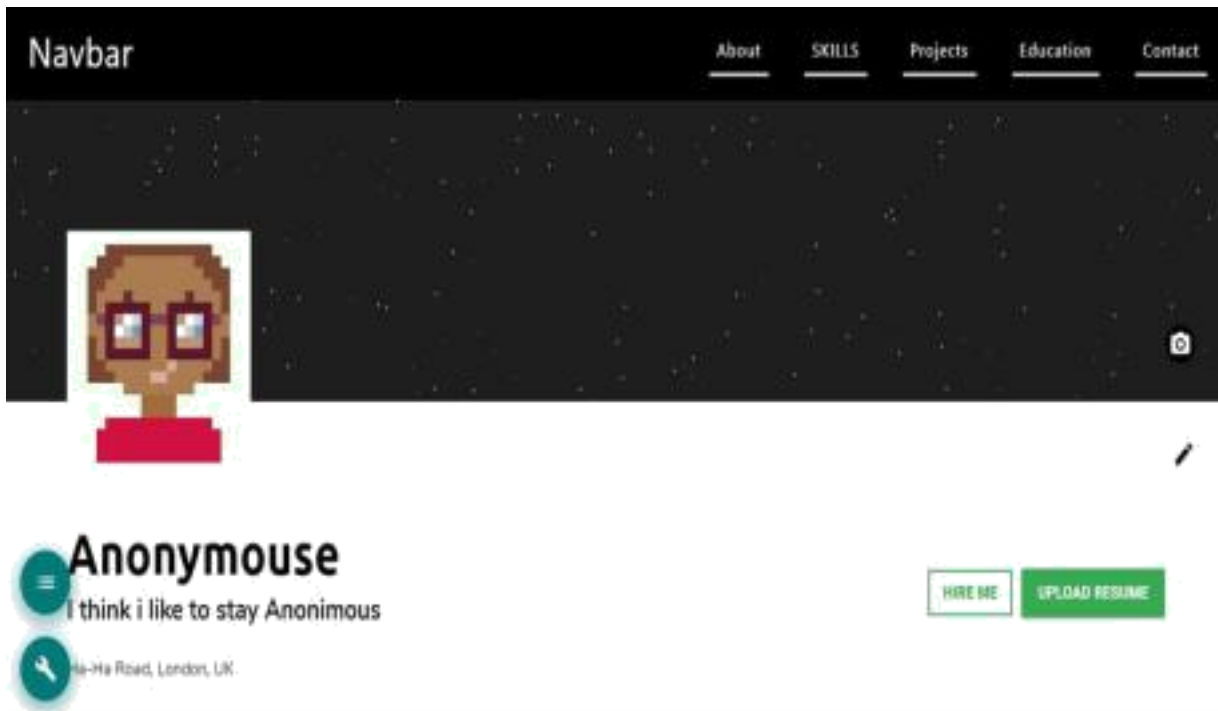
Fig 12. Skills upload page



```
backend/controllers/resume.js
@@ -4,11 +4,14 @@ const uploadResume = async (req, res) => {
 4 4      try{
 5 5          const user = await require("../auth/verifyandget").verifyandget(req,res);
 6 6          if(user){
 7 7              console.log(req.files.file.mimetype);
 8 8              if(req.files.file.mimetype!="application/pdf"){
 9 9                  return res.status(200).send("cannot upload file only pdfs are allowed !");
10 10             }else{
11 11                 req.files.file.mv(`${__dirname}/resume/${user.username}.pdf`,async function(err){
12 12                     if(err){
13 13                         console.log(`${__dirname}/resume/${user.username}.pdf`);
14 14                         if(err){
15 15                             console.log("resume ",err)
16 16                             return res.status(400).send("cannot upload your resume !!");
17 17                         }else{
18 18                             try{
19 19                                 @@ -65,4 +68,4 @@ module.exports = {
20 20                                 uploadResume,
21 21                                 getMyResumeStatus,
22 22                                 downloadResume
23 23                             }
24 24                         }
25 25                     }
26 26                 }
27 27             }
28 28         }
29 29     }
30 30 }
31 31 }
```

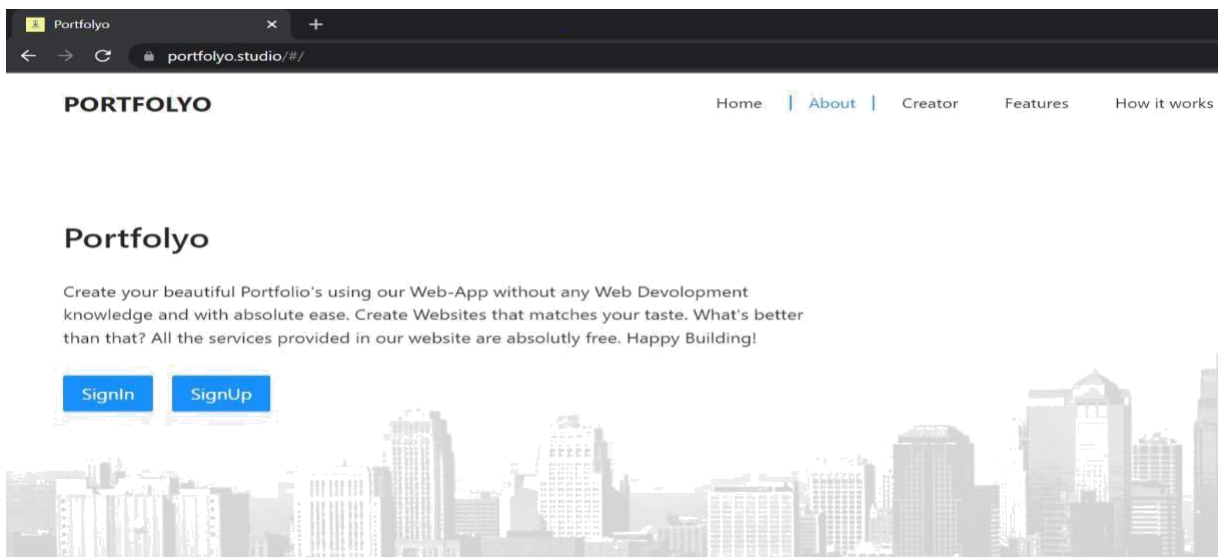
Fig 15. Resume uploading

5.2 RESULT

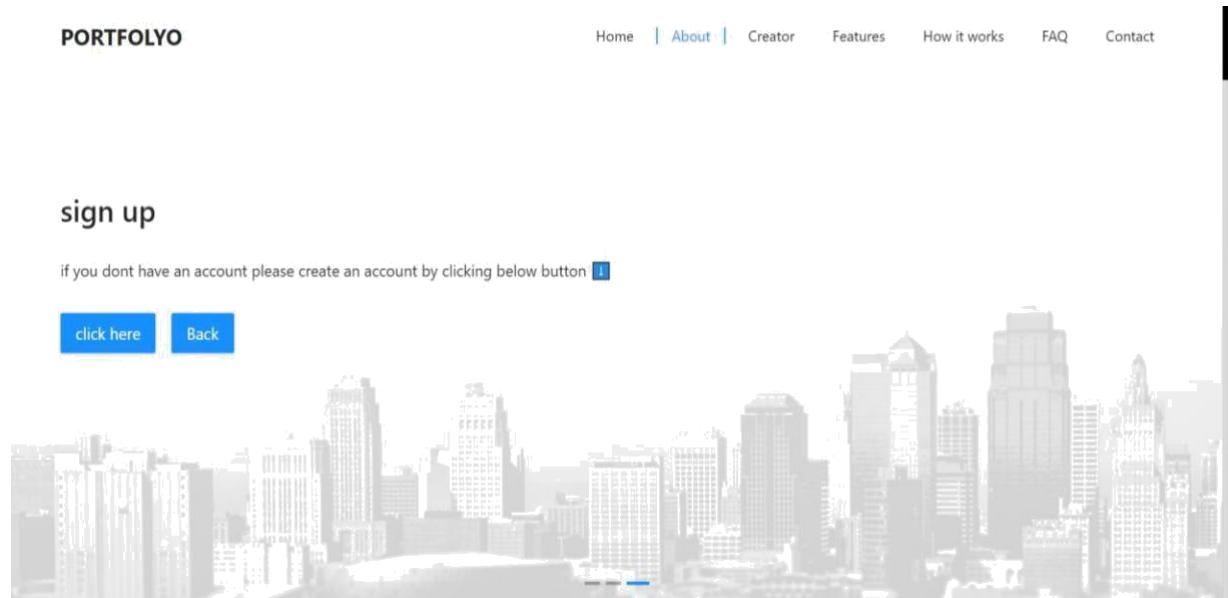


Modules of portfolyo

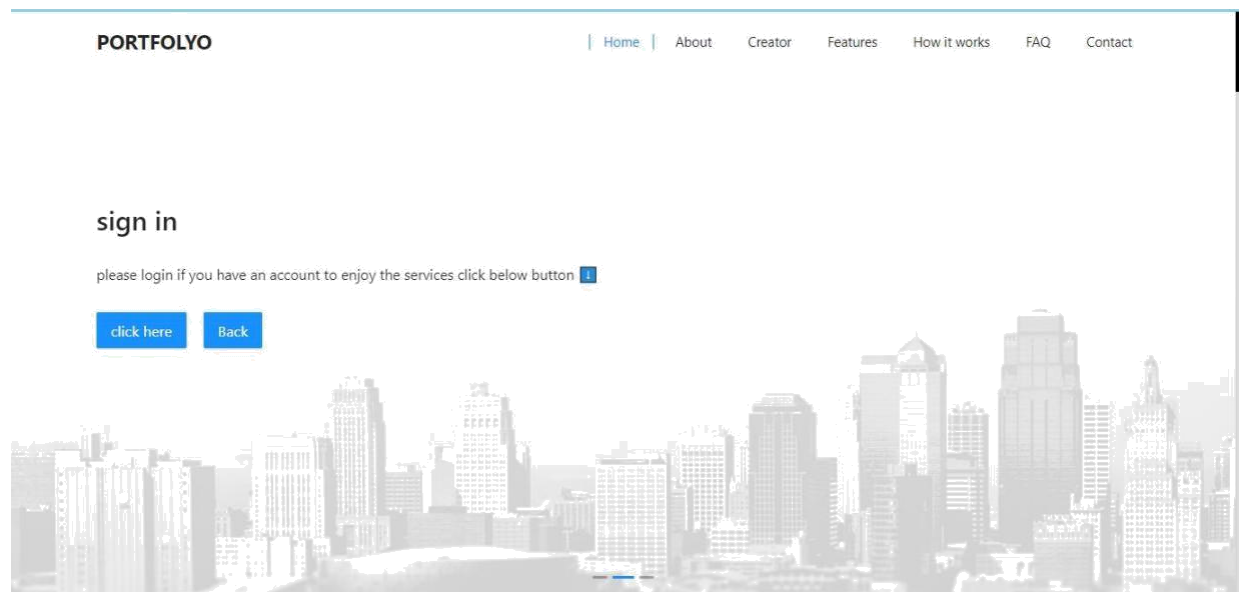
Main page:




- Sign up to create on account




- Sign in if you already have an account





- Fill in your details to sign up






SIGNUP



 Username

 Email

 Password 

 Conform password

[Already a Member?](#)

SIGNUP

- Create your website by clicking on create new website

Portfolyo

MY WEBSITES [LOGOUT](#)

pavanmadhur


Enter Website Id to load the website with that defaults and edit in your way.

ENTER WEBSITE ID

GO ▶

Create Your Customised portfolyo Website Within Minutes.

OR CREATE NEW WEBSITE



- If you have website then go to my website option.

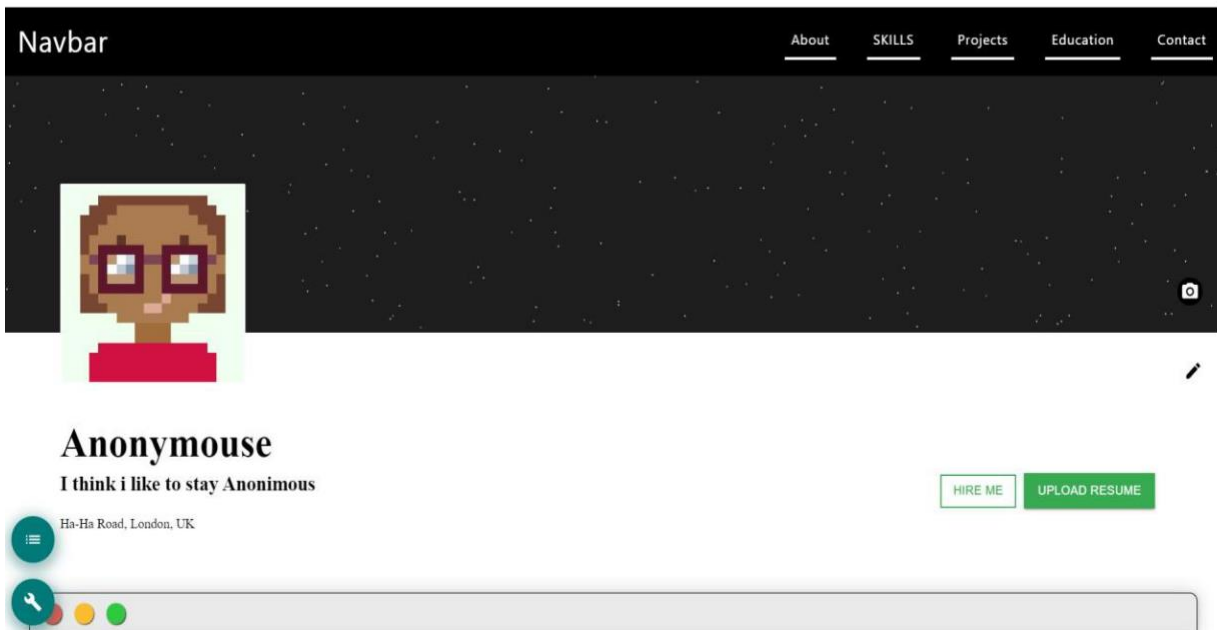
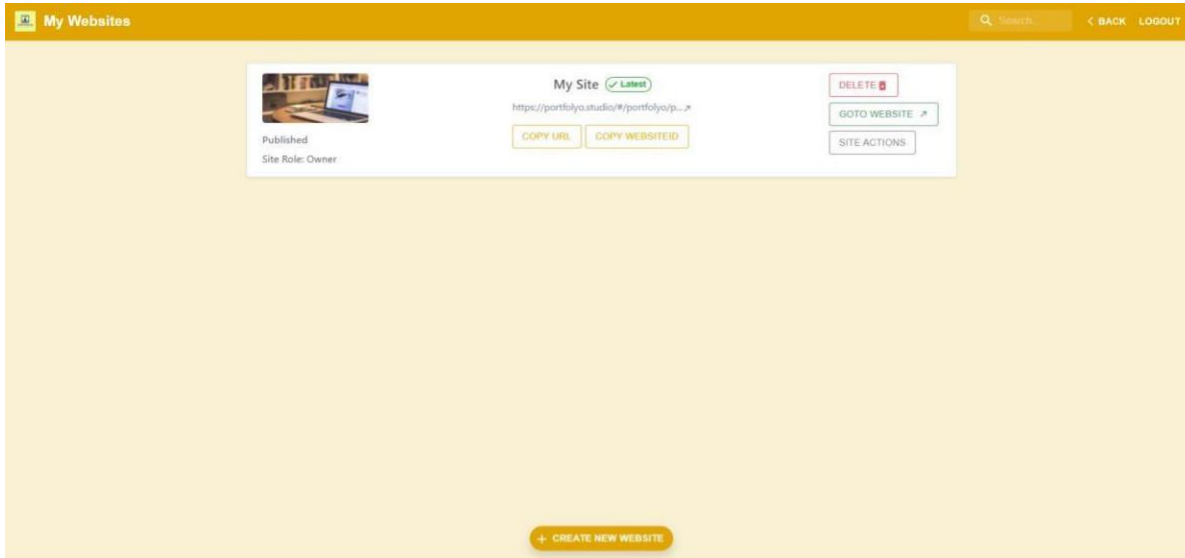


Fig layout page

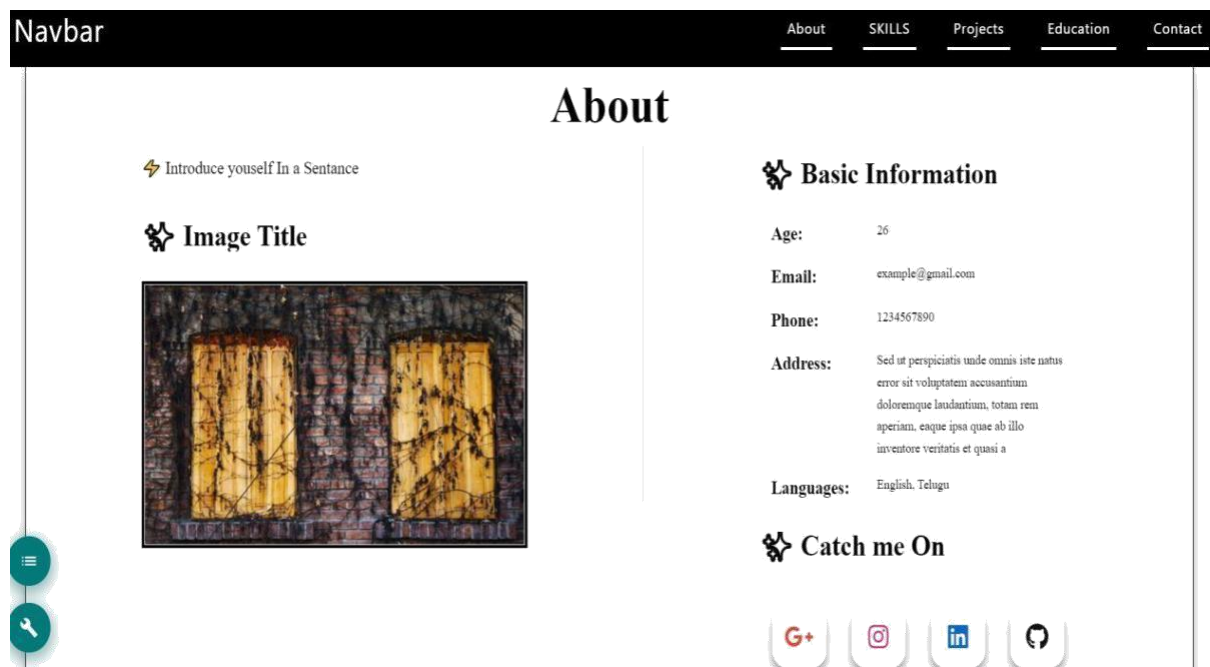


Fig: your address page

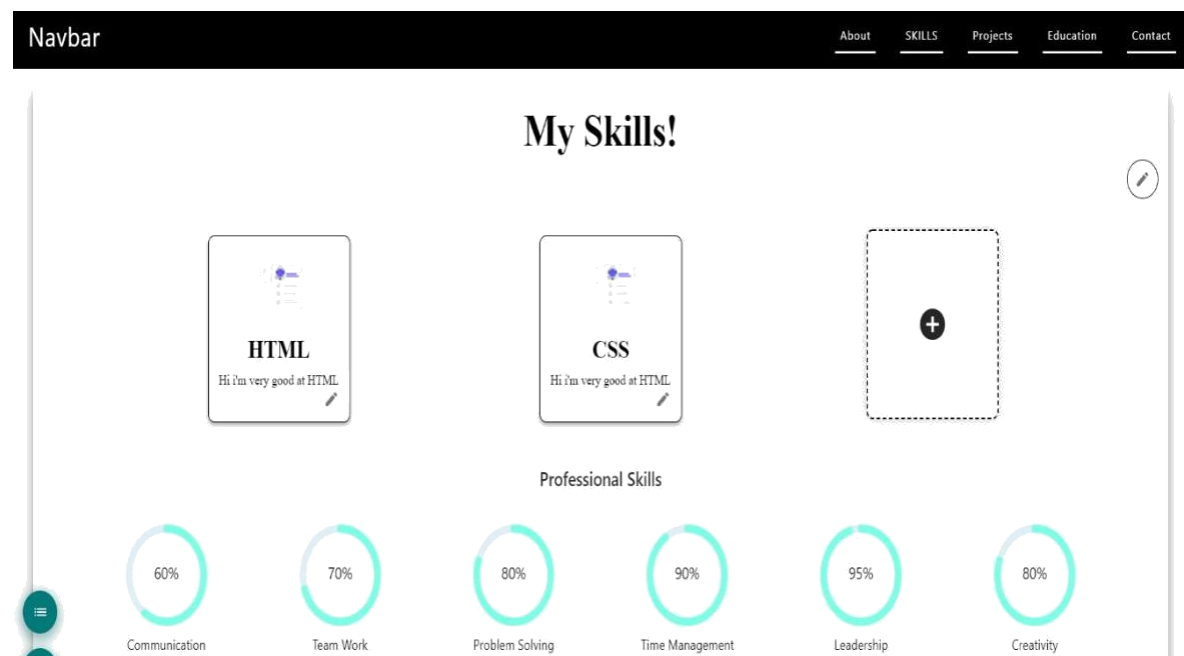


Fig: language upload page

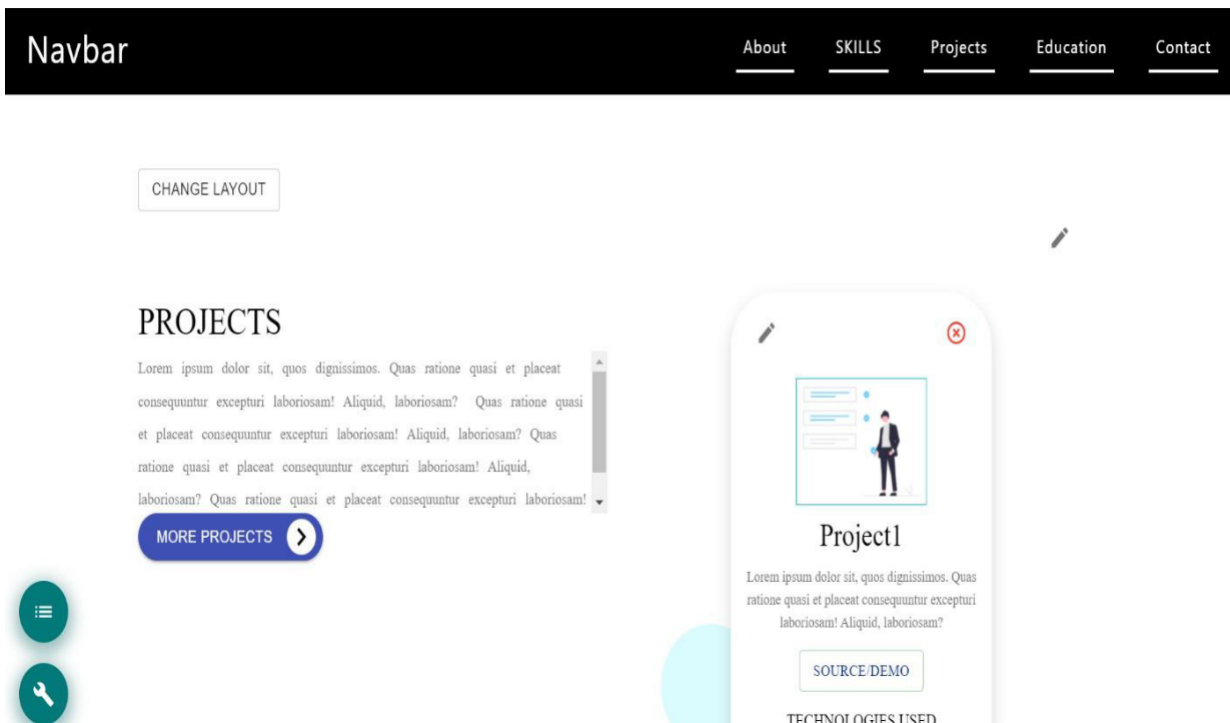


Fig: project upload page

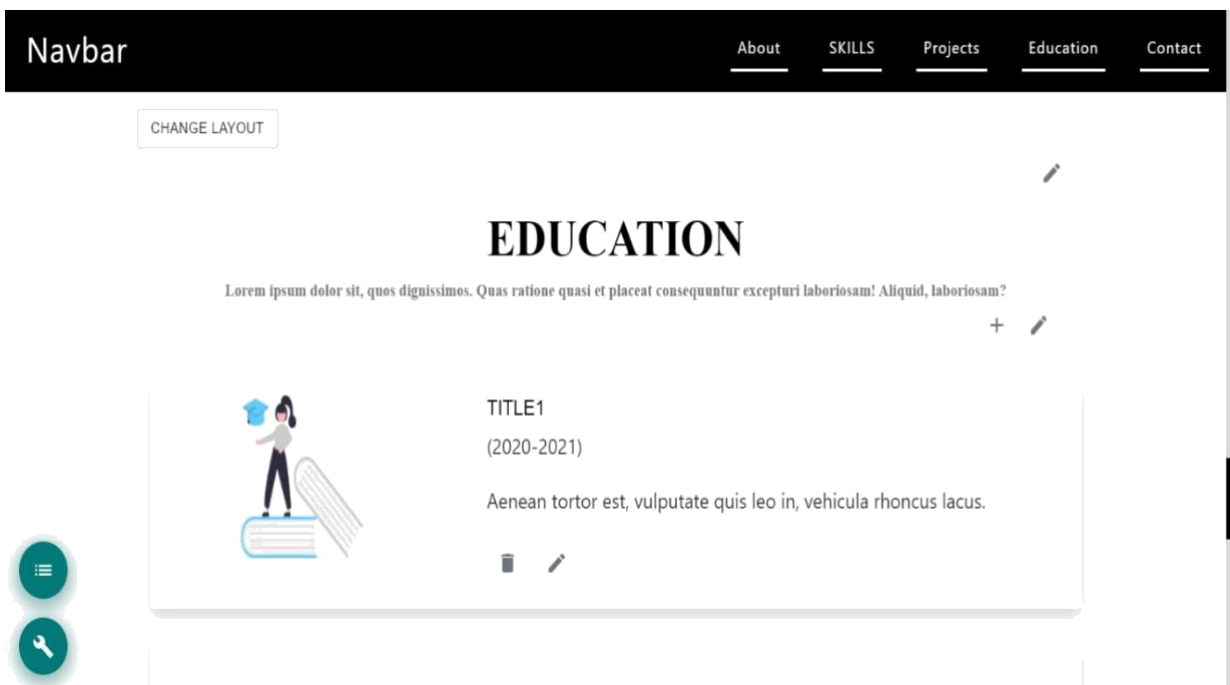


Fig: Education upload page

Navbar

AboutSKILLSProjectsEducationContact

BACKGROUND

SerilingampallyHafeezpetRala ManarSecunderabadKapraChakrapuram RdCherlapalliChengicherBoudha NagarNational Highway 22Marri PalhR. KrishnaihNagar

ALIN Employ ColorGopanapalliGandpetShaanti Nagar

ORR

Khanapur

Feel free to contact me

Name

Subject

Gmail

Message

Ha-Ha Road, London, UK

123456789

Anonymouse@gmail.com

Fig: Address page

CMRCET

B. Tech (CSE)

Page No 24

CHAPTER 6

CONCLUSION AND FUTURE WORK

6.1 CONCLUSION:

Portfolio can be a better choice if you do not have any knowledge on creating websites.

Accessing portfolio website is easier than you think

Build your own website with portfolio.

Why learning web development from scratch you have portfolio.

Create portfolio's that matches your taste and character.

6.2 FUTURE WORK:

- Portfolyo can be added with more templates.
- Design can be added with more customizations.
- Can be added with more information templates.

REFERENCES

<https://www.wix.com/>

<https://www.wordpress.com/>
kinsta blog – “Linda Ragaine”