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CSCE 619

Portfolio Web Application

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Introduction

The web application we created is about creating our own creative work portfolios. The main goal in developing this application is to increase visibility and accessibility for hiring managers to find information about us. Another benefit is to have a strong presence that can ensure the most current, professional, and accurate information about us is available online. It provides a platform to put forth other materials that a resume and cover letter doesn't feature to show evidence of skills and qualifications that we possess.

This project includes developing portfolio web application by creating a blank project on cloud9, initializing Git repository, creating a new repository in Bitbucket and push it.

Technologies used

- Node.js
- Express
 - express-messages
 - session
 - connect-flash and
 - validation
- MongoDB
- Mongoose
- Pug template engine
- Passport.js authentication
- Bcrypt hashing and
- Nodemailer

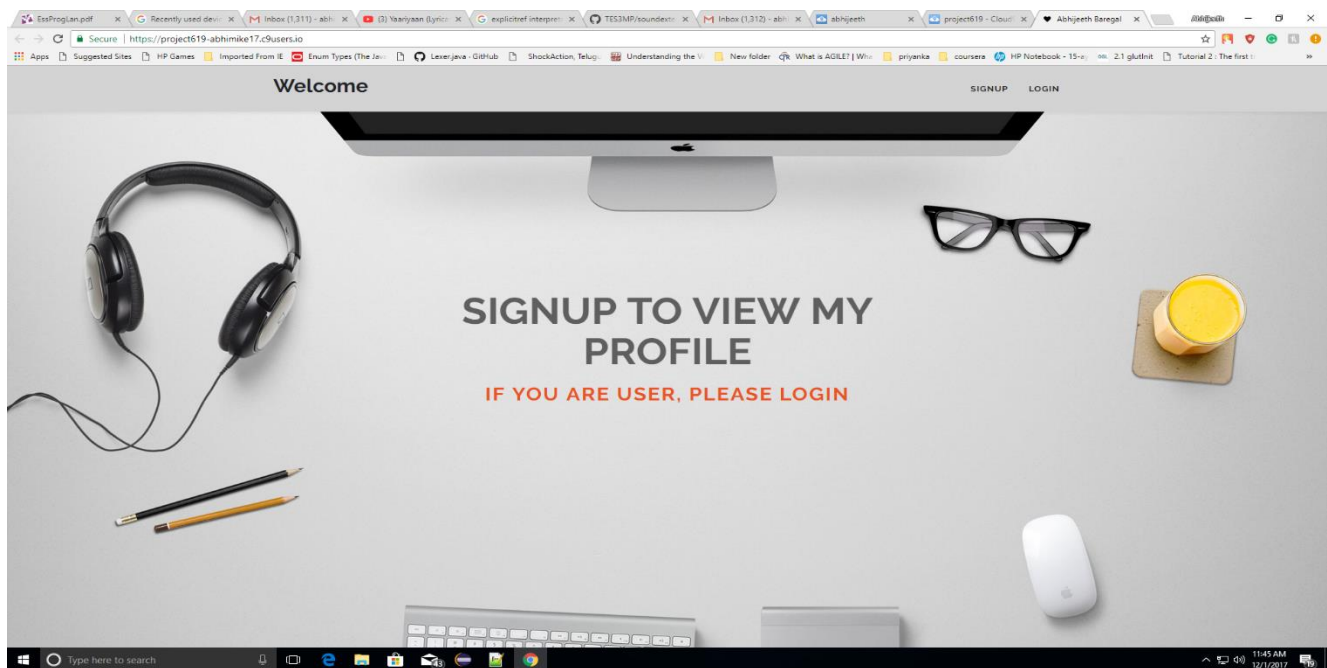
Scope

According to recent Forbes article, 56 percent of all hiring managers are more impressed by a candidate's online portfolio than any other personal branding tool. An online portfolio can act as an extension of our other job application materials by allowing you to market yourself beyond your resume or cover letter. It provides a platform to put forth other materials that your resume and cover letter don't feature to show evidence of skills and qualifications that you possess. A portfolio can also be used as a tool to assess your own skills and professional growth. Having all these professional documents and activities gathered in one space allows you to see what you've accomplished, strengths, weaknesses, and identify what might need improvement.

Internal Design and Explanation on how the code works:

Before executing the project, make sure that you have a working internet connection. Next follow the following steps on cloud9 to run the application

1. Go to the application's directory
2. Install necessary dependencies (\$npm install -- --save)
3. Run Mongo dB (\$. /mongod)
4. Run node.js (\$npm start)



Initially before logging in, the application shows the following functionalities

1. Home
2. Signup
3. Login

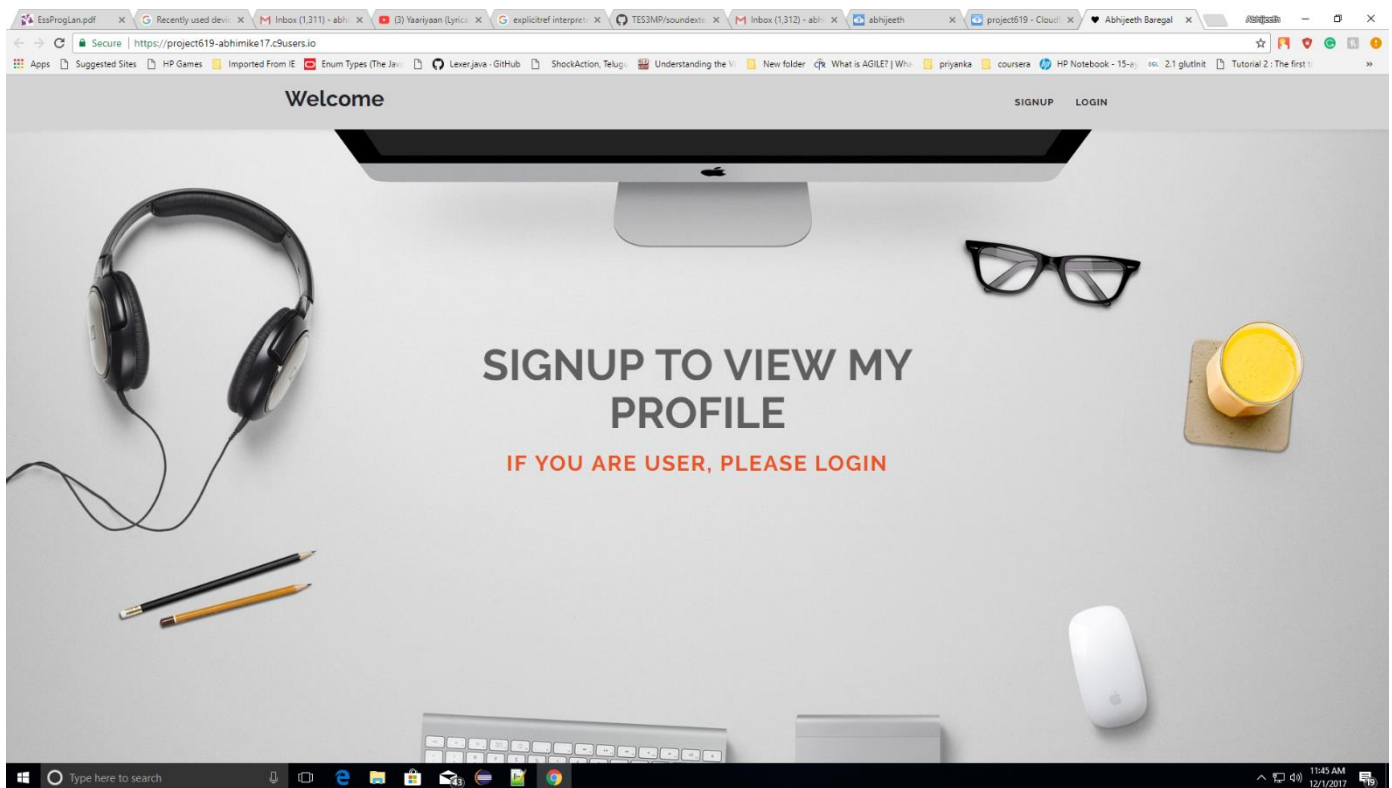
➤ Messages are displayed when the User signup, add suggestion, delete suggestion and log out.

The files used in this project are as follows and contains the following

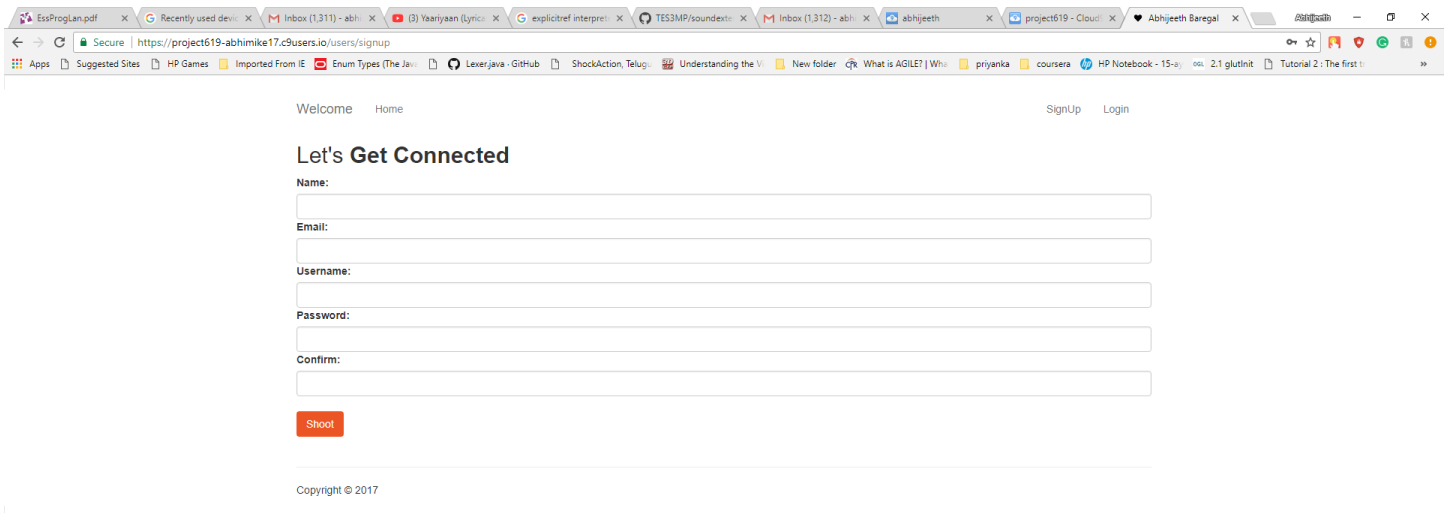
- **App.js** is an absolute path to the root of the project. It represents which files should be pulled to be processed
- **.pug** files(index, layout, signup, login, article, add_article, edit_article, articlesindex, message) contains code for all the display pages of our web application
- **Article.js** contains article schema and article model to give some infrastructure to our database
- **User.js** contains user schema
- **Articles.js** contains routes for articles: editing, adding, deleting
- **Users.js** contains model for users to map out the schemas: register process, login and layout process
- **Passport.js** contains login strategies for username match, password match
- **Database.js** to connect or access MongoDB's nodekb database

PROCEDURE:

When the application is run the following page is displayed. A new user would have to sign up and login to view the profile. An existing user can just login to view the profile.



Signup:



The screenshot shows a web browser window with the URL <https://project619-abhimike17.c9users.io/users/signup>. The page has a header with "Welcome Home" and links for "SignUp" and "Login". The main heading is "Let's Get Connected". Below it are input fields for "Name:", "Email:", "Username:", "Password:", and "Confirm:". A red "Shoot" button is at the bottom. The footer says "Copyright © 2017".

Welcome Home [SignUp](#) [Login](#)

Let's Get Connected

Name:

Email:

Username:

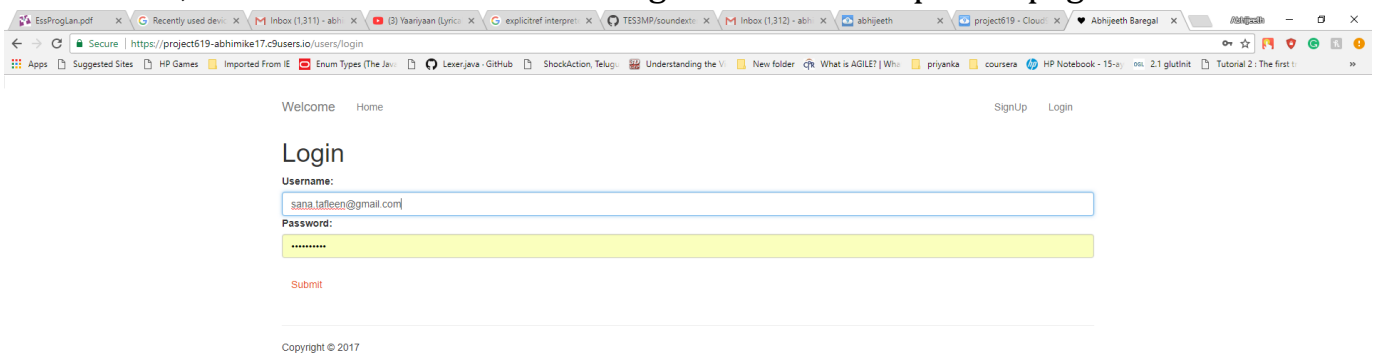
Password:

Confirm:

[Shoot](#)

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Login: The login page is shown below. A registered user must enter his/her credentials like username and password to login and view the profile. After entering the credentials, click “Submit” which will avigate to the main profile page



The screenshot shows a web browser window with the URL <https://project619-abhimike17.c9users.io/users/login>. The page has a header with "Welcome Home" and links for "SignUp" and "Login". The main heading is "Login". Below it are input fields for "Username:" (containing "sana.tafteen@gmail.com") and "Password:". A red "Submit" button is at the bottom. The footer says "Copyright © 2017".

Welcome Home [SignUp](#) [Login](#)

Login

Username:

Password:

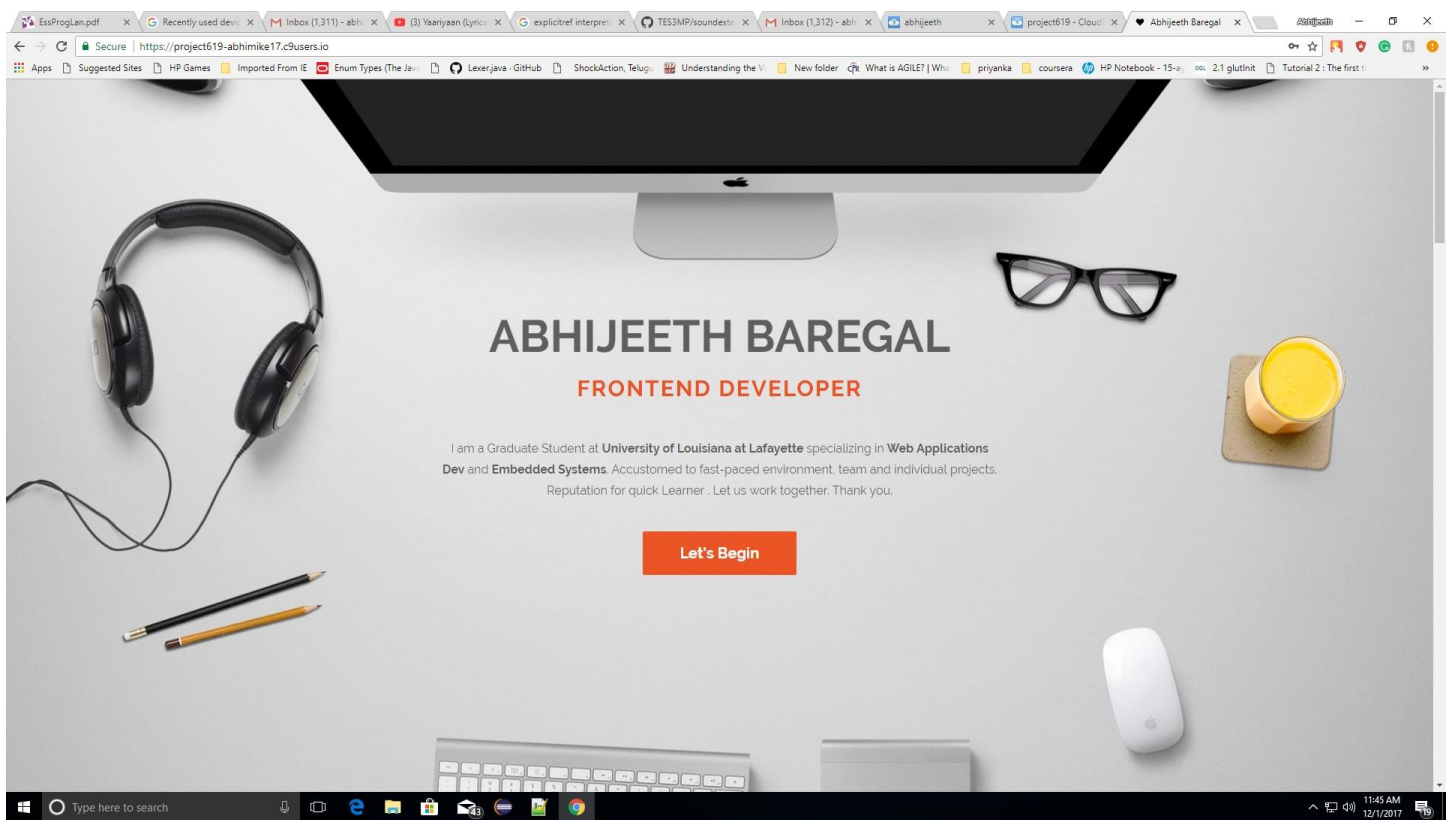
[Submit](#)

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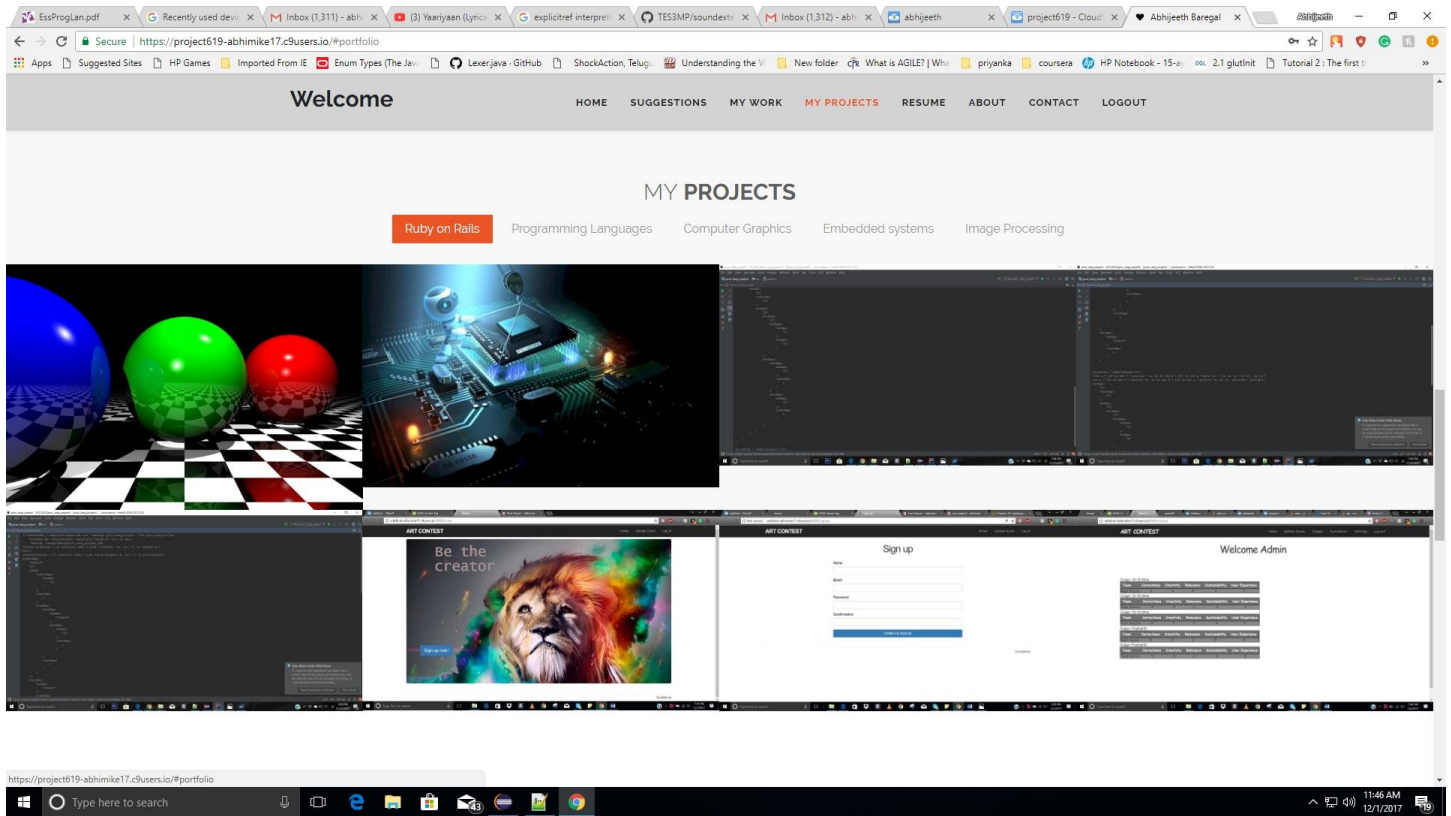
Main Profile:

The image shown below is displayed after the user has been logged in. The portfolio has the following sections:

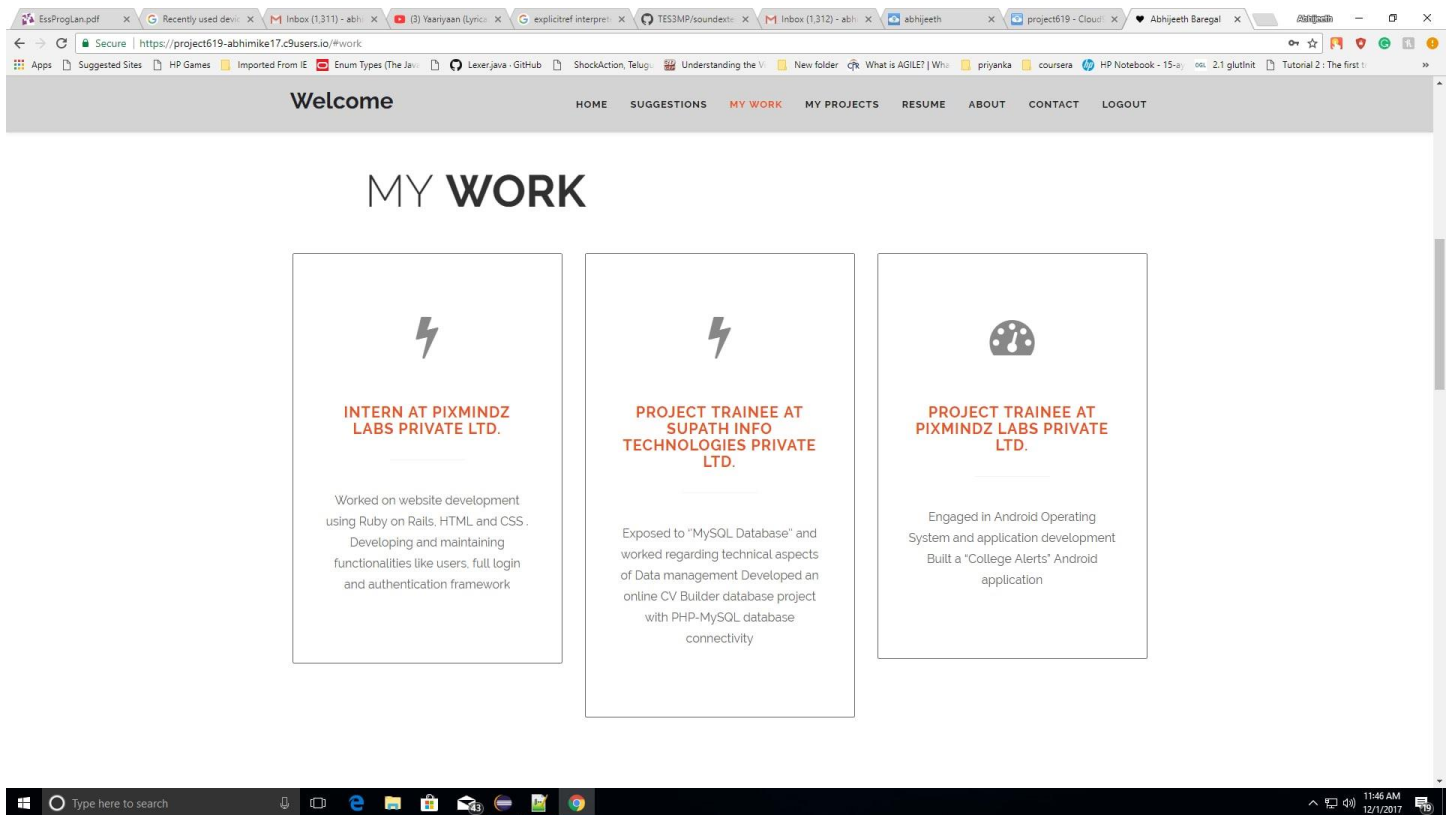
- Home
- Suggestions
- My work
- My projects
- Resume
- About
- Contact



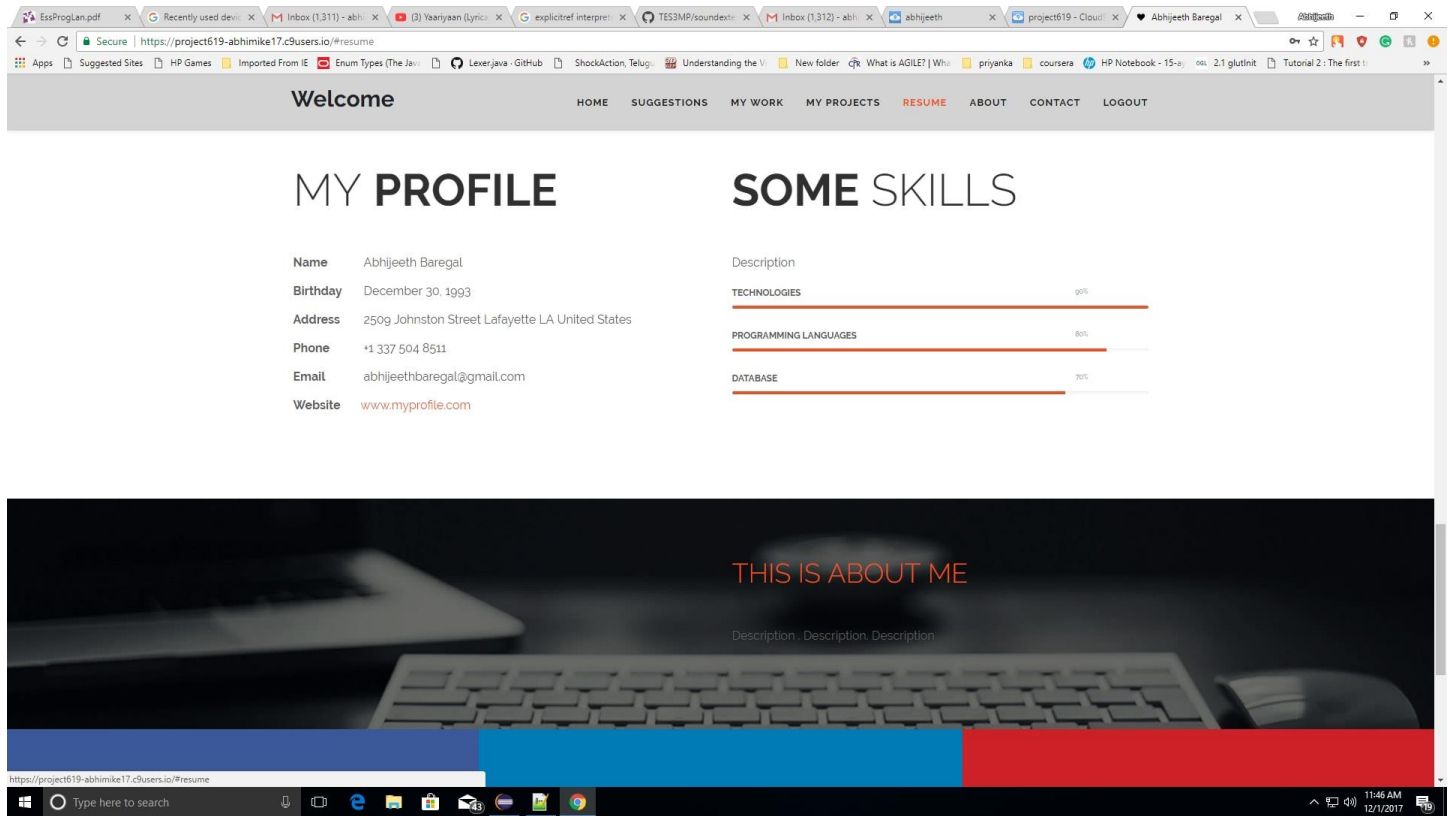
My Projects: Description of projects



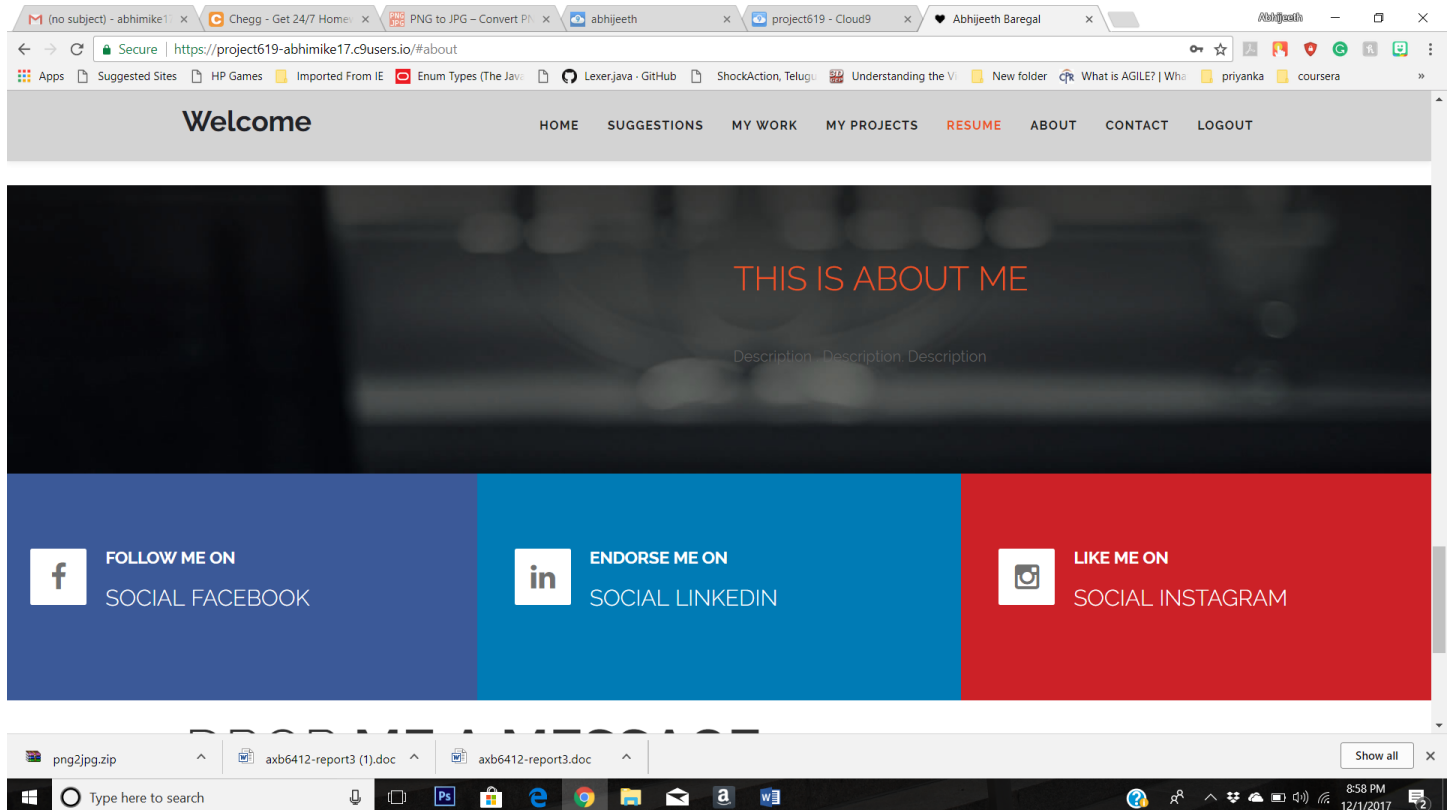
My Work: Describes the work experience of the owner



Resume:



About section: This section is about portfolio owner and on clicking social media icons, the user will be directed to respective social network pages of the owner



Contact section: User(Recruiter) can send mail to the Portfolio owner's email.

Welcome

HOME SUGGESTIONS MY WORK MY PROJECTS RESUME ABOUT **CONTACT** LOGOUT

Description, Description, Description

FOLLOW ME ON
SOCIAL FACEBOOK

ENDORSE ME ON
SOCIAL LINKEDIN

LIKE ME ON
SOCIAL INSTAGRAM

DROP ME A MESSAGE

Name: sana Email: sana.tafreen@gmail.com

Phone: 93375048511

Message: Hi

SEND

Suggestions: User can send suggestions to Portfolio owner

Welcome Home Edit message Logout

Suggestion

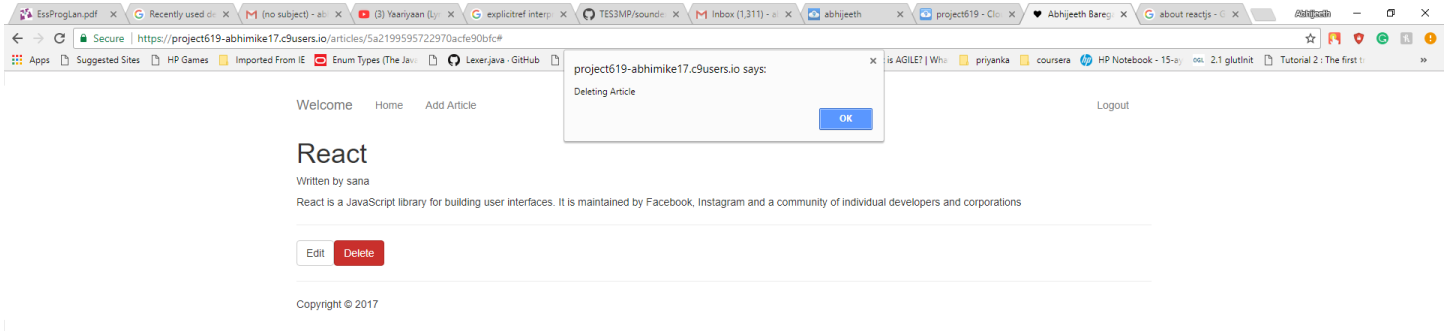
Title:
React

Body:
React is a JavaScript library for building user interfaces. It is maintained by Facebook, Instagram and a community of individual developers and corporations. If you learn this technology, it will be useful

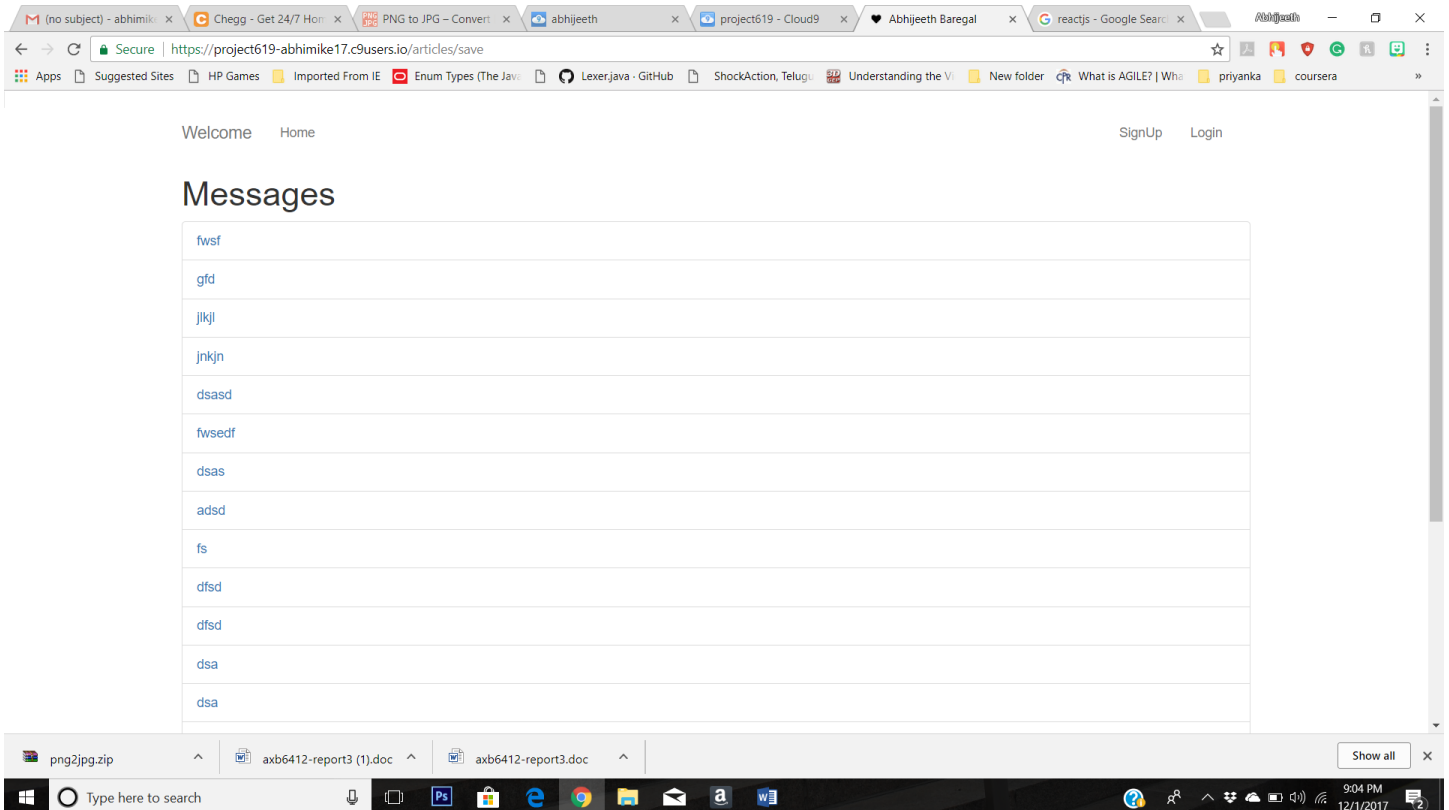
Submit

Copyright © 2017

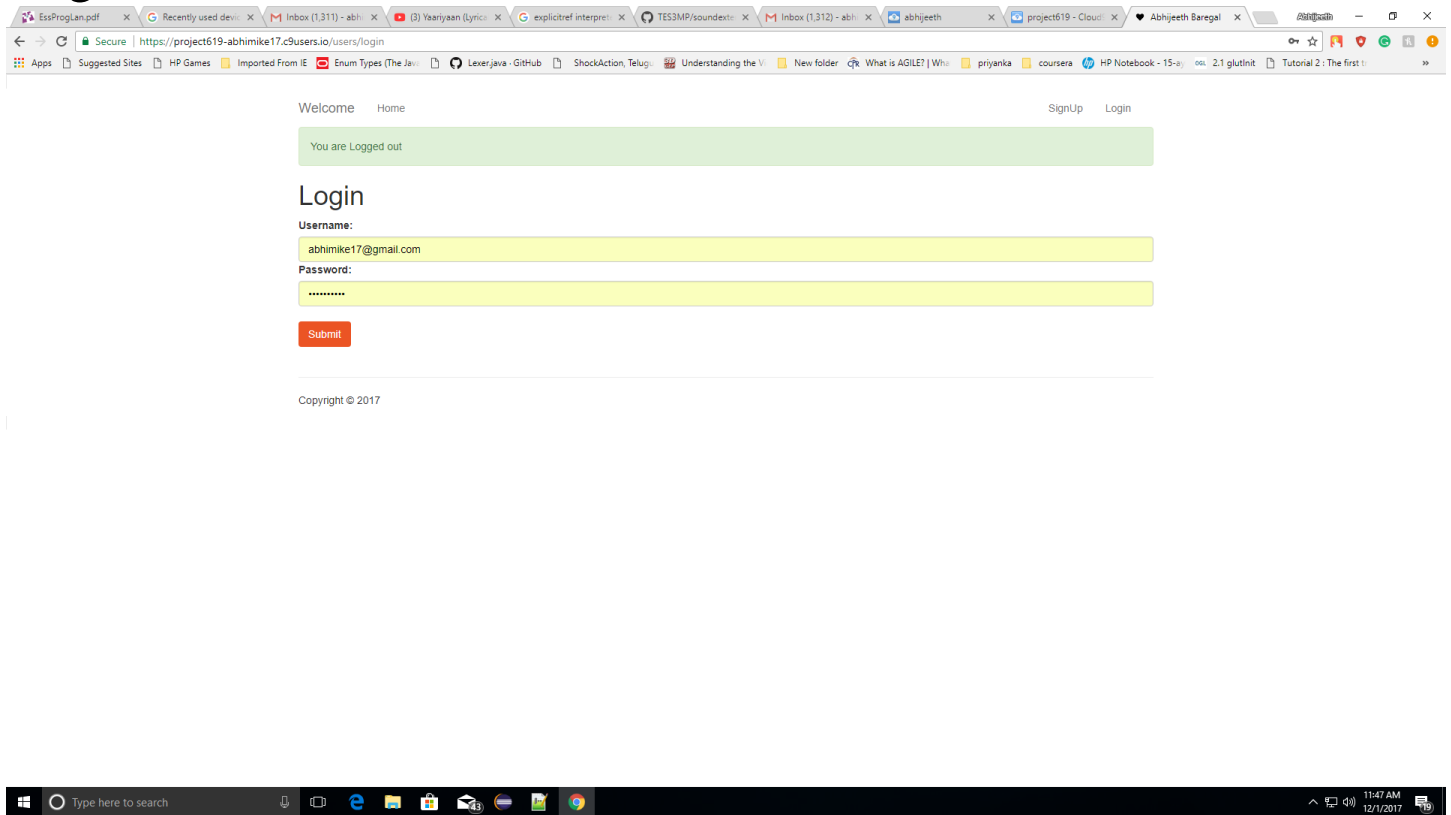
Update/Delete Message: User can update/delete suggestion



View other User suggestions: One user can view other user's message/suggestion



Logout: Finally, on logging out, you will be directed to login page



Sample Credentials

Username: sana22

Password: 8143432828