



SCHOOL OF COMPUTER SCIENCE AND ENGINEERING

COURSE CODE:3002(J COMPONENT)

COURSE NAME: INTERNET AND WEB PROGRAMMING

ResFAST RESUME BUILDER

TEAM MEMBERS:

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## **Abstract:**

A React Web Application which helps you build your resume by just following the different steps and simply entering your data. The alignment, formatting and generation of your resume is automatically handled by ResFast, simply enter your data and get a pdf file of your resume! This will be very convenient for all the users as it will save their time in designing and building a resume.

## **Introduction:**

### **Problem Statement**

As placement season of most of the colleges is going to start, making Resume is a very hectic work for all the students. Also, many companies judge the candidature of a student just by his/her Resume. So, it is necessary for the student to think beyond the third dimension while making the Resume.

- It is the Web Application which helps students to get their resume in hand just by filling up a simple form where important credentials need to be filled.
- The resume is downloadable in PDF format. Also, the user can log in again to access the previous resume that he had made.
- The resume is of Standard Format as stated by most of the Engineering Colleges of India.

### **Technical Specification**

The specifications used in frontend are: HTML, CSS, JavaScript, react, react-dom, react-scripts.

The software used for backend is mongo db

## **Existing System Problems:**

The existing system is creating resumes manually either by using word or Google doc so there are some issues with the existing system. The existing system was suffering from a series of drawbacks. Since the whole of the system was to be maintained with hands the process of keeping, maintaining and retrieving the information was very tedious and lengthy. The records were never used to be in a systematic order there used to be lots of difficulties in associating any particular transaction with a particular context If any information was to be found it was required to go through the different registers, documents there would never exist anything like report generation There would always be unnecessary consumption of time while entering records and retrieving records One more problem was that it was very difficult to find errors while entering the records Once the records were entered it was very difficult to update these records.

## Proposed System Design:

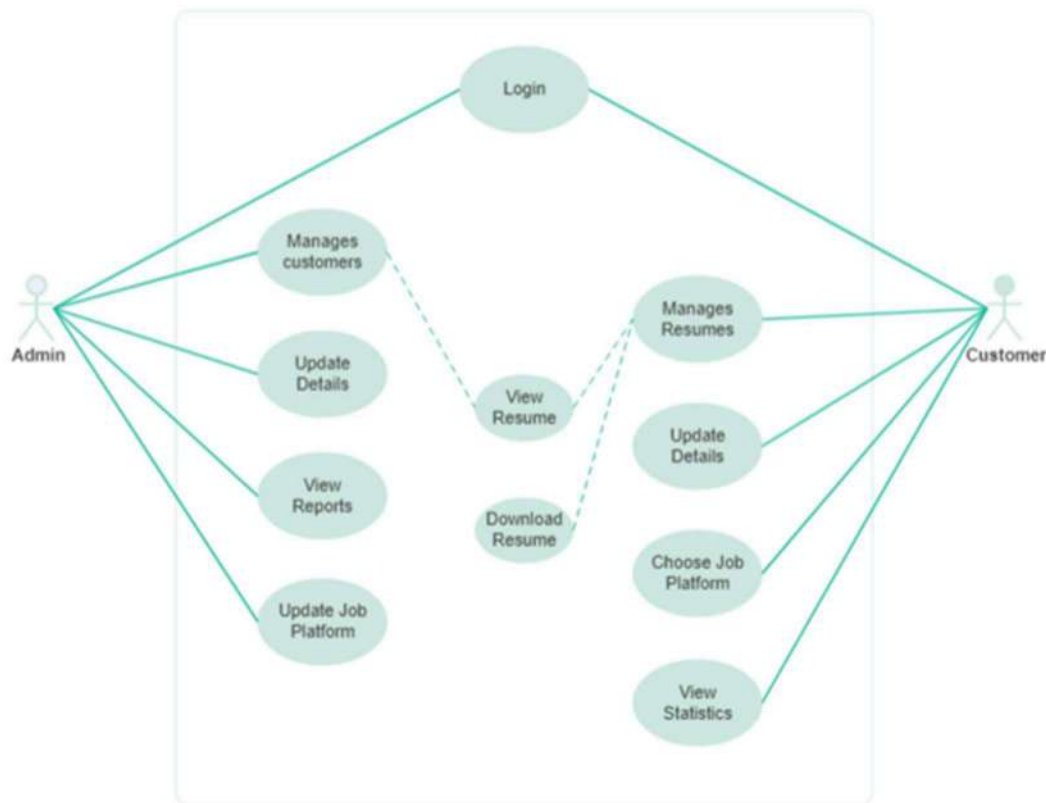
### Module Description

React is a declarative, efficient, and flexible JavaScript library for building user interfaces. It lets you compose complex UIs from small and isolated pieces of code called “components”.

ReactDOM is a package that provides DOM specific methods that can be used at the top level of a web app to enable an efficient way of managing DOM elements of the web page. ReactDOM provides the developers with an API containing the following methods and a few more.

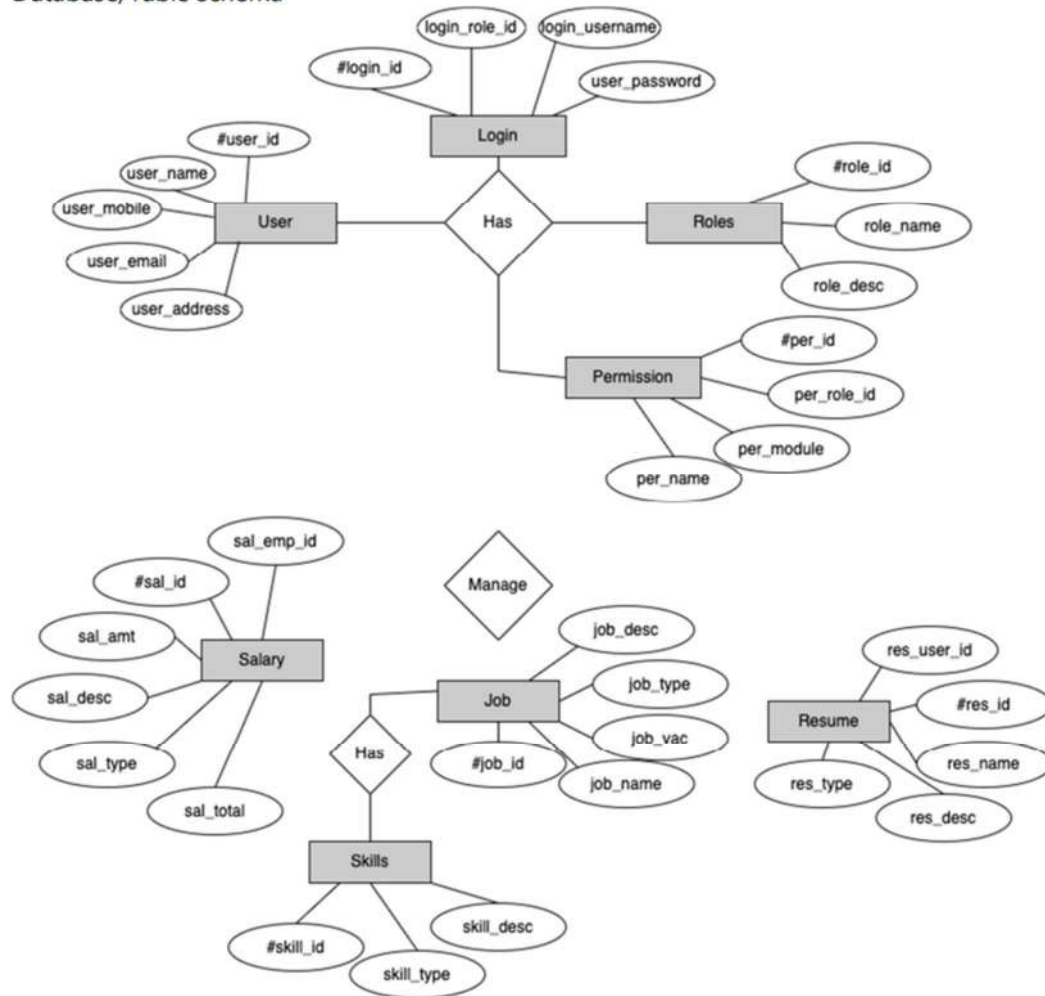
React-scripts are simply scripts to run the build tools required to transform React JSX syntax into plain JavaScript programmatically.

### UML Diagram/pseudocode

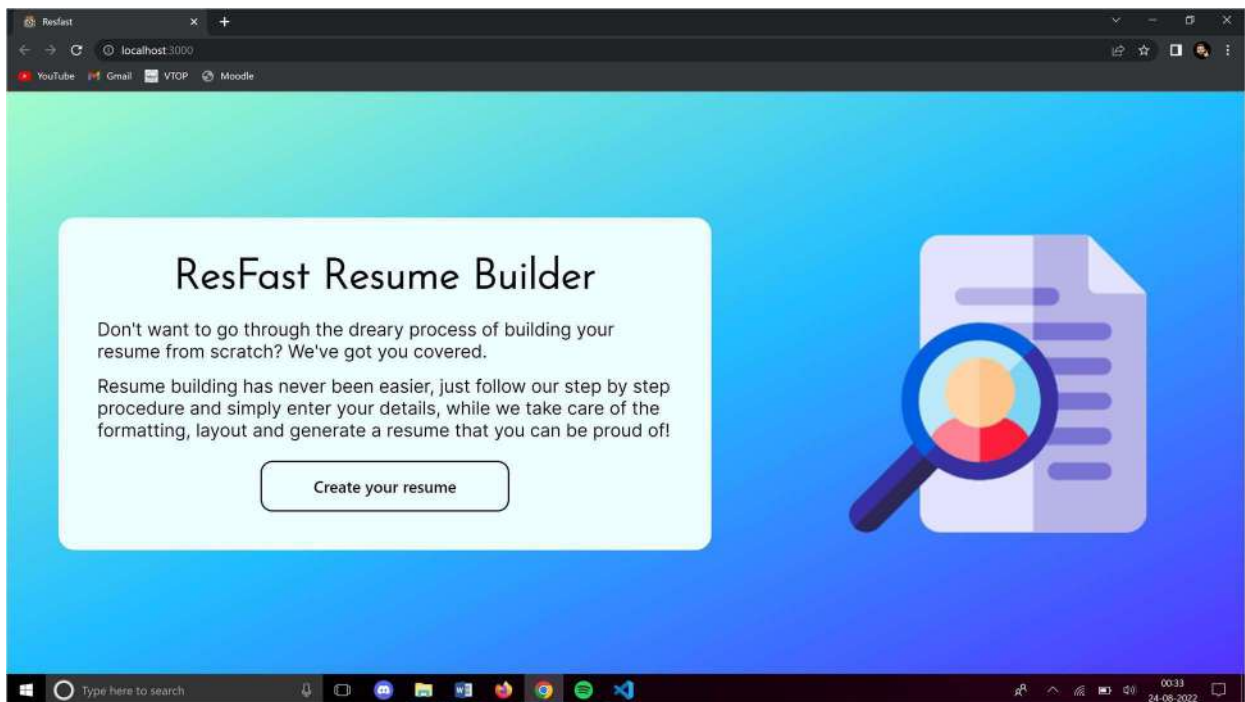


## Results:

Database/Table schema



## Frontend Design



A screenshot of the 'ResFast' registration form. The browser shows 'localhost:3000'. The page has a blue header with the 'ResFast' logo and 'SIGN UP' and 'LOGIN' links. The main content area has a light blue background with a white card titled 'Let's start with some basic details about you...'. The form contains several input fields for personal and professional information, with optional fields for social media. A green arrow button is at the bottom right of the form. The Windows taskbar is visible at the bottom.

ResFast

SIGN UP LOGIN

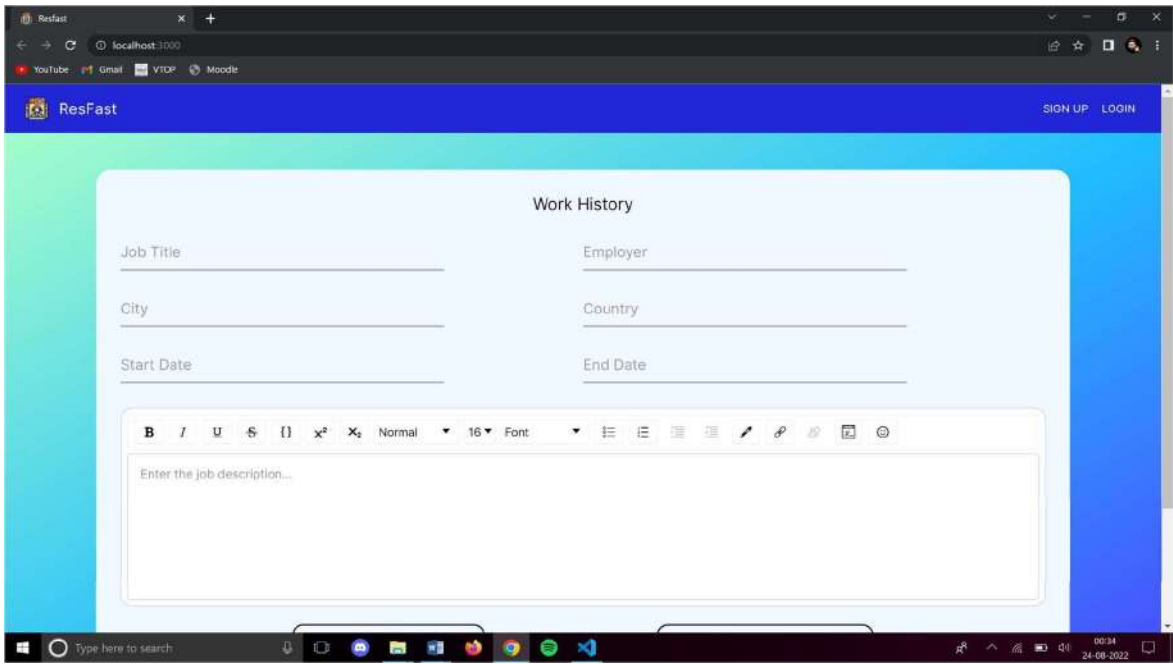
### Let's start with some basic details about you...

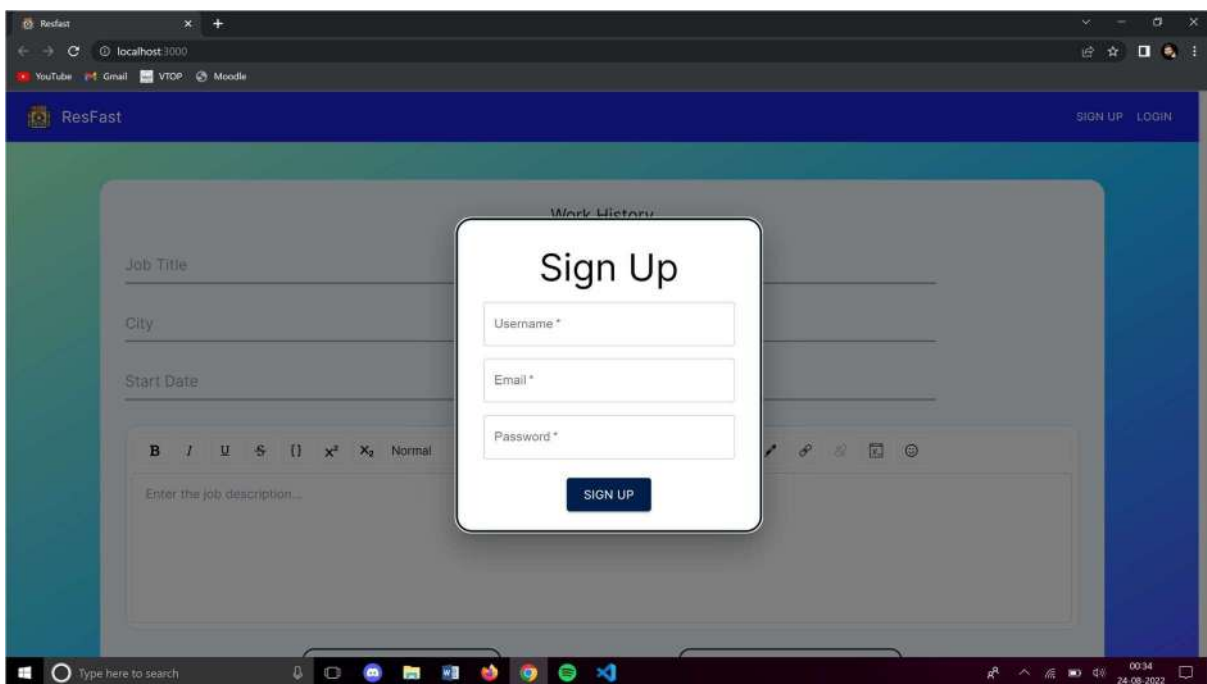
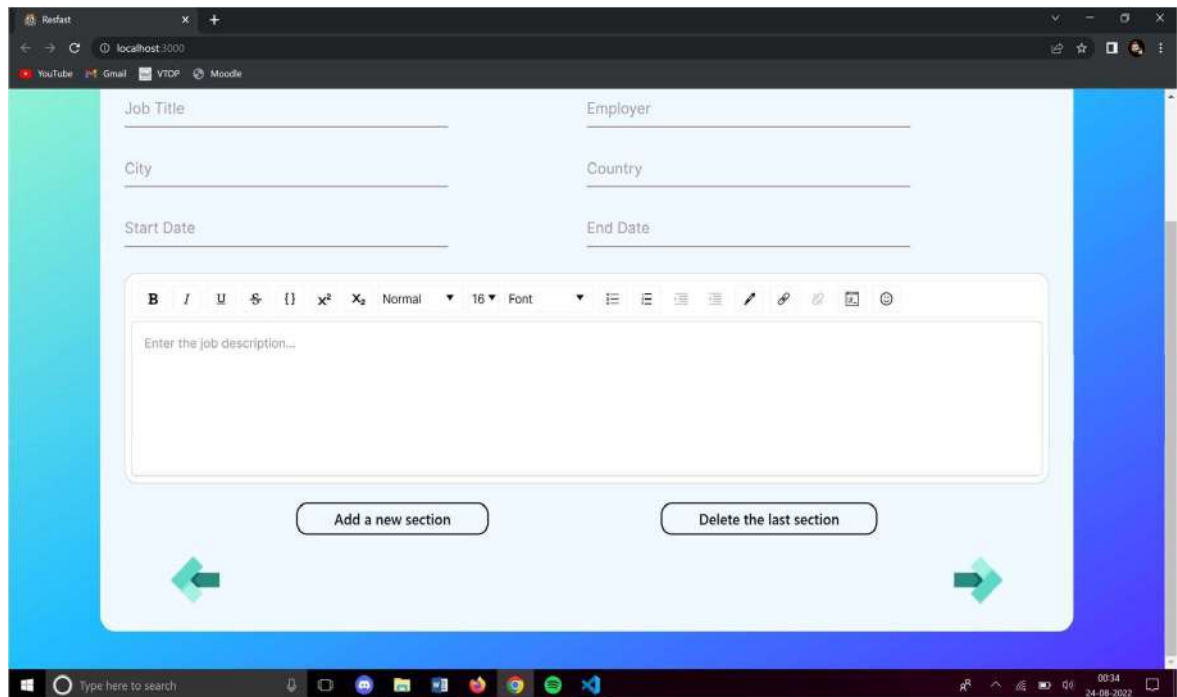
First Name	Last Name		
Profession	City	Country	
Pincode/Zip	Phone No.		
Email	Github (Optional)		
LinkedIn (Optional)	Twitter (Optional)		

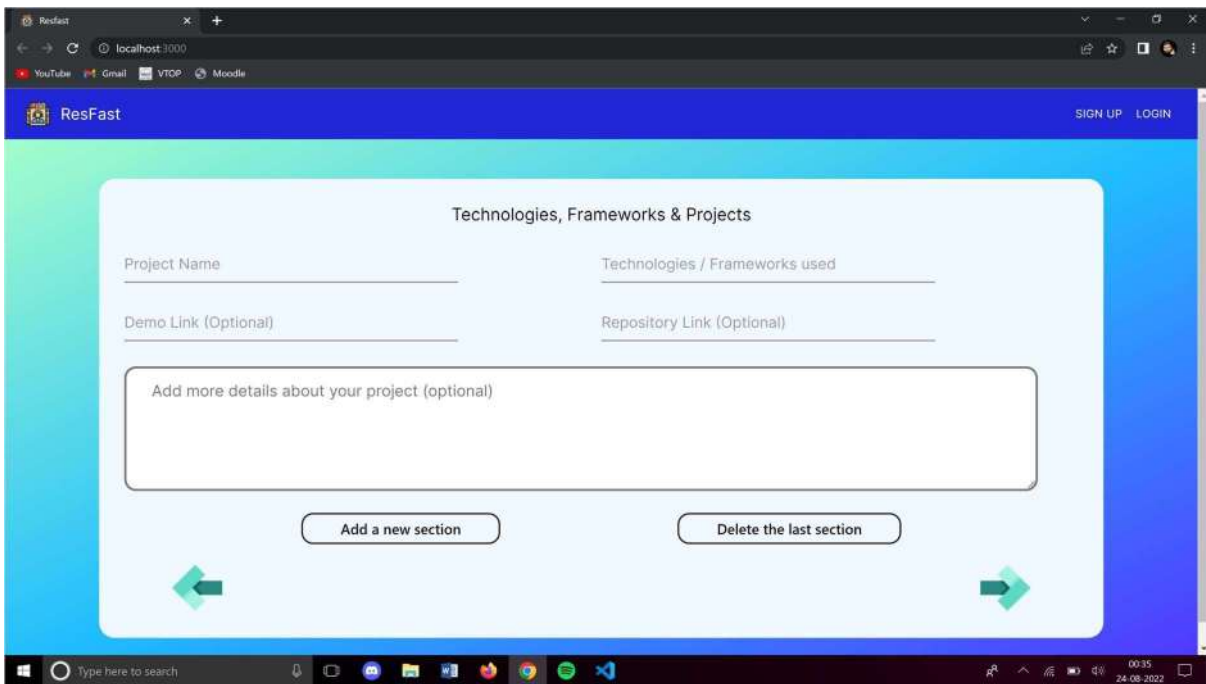
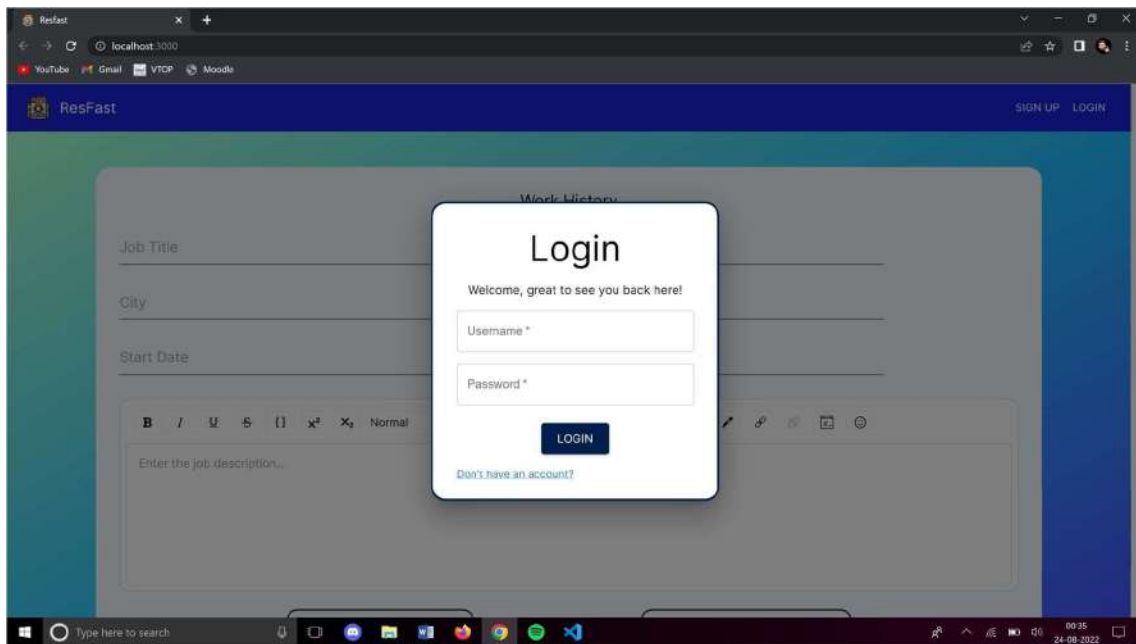
→

Type here to search

00:33 24-08-2022









ResFast

SIGN UP LOGIN

### Achievements & Certifications


Achievement / Certification

Certifying Organisation (Optional)

Add a new section

Delete the last section

Generate Resume!



Your PDF has been generated! You can see a preview of the generated resume below.

This preview is just for representational purposes, the actual pdf might differ in height based on the amount of content you have. If your pdf gets cut off at a certain length then it means that your text content is too long to create a single page A4 resume, please click on edit details and reduce the content accordingly.

If you want to save the info entered in this form then you need to be logged in first, then click on either "Update Saved" to update a previously saved resume, or "Save New" to save it as a new resume in your account. Saved resumes can be accessed by clicking the link for the same on the navbar once you are logged in.

Download

Edit Details

||| [LinkedIn](#)

**Experience**

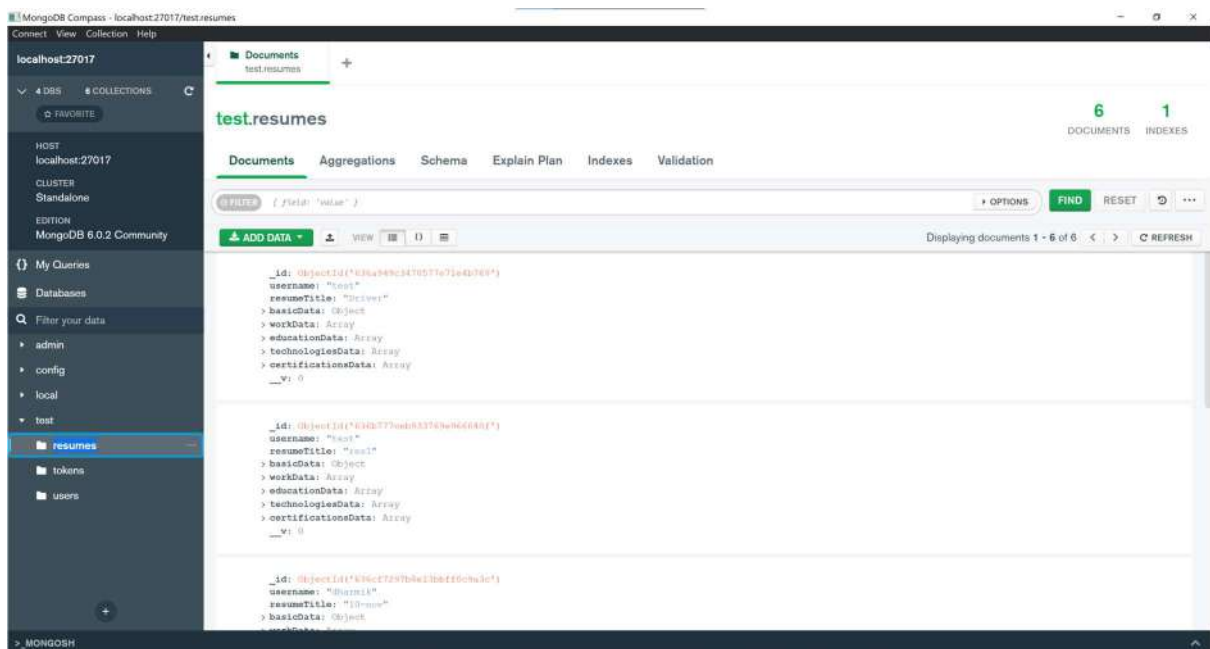
**Education**

**Projects and Certifications**

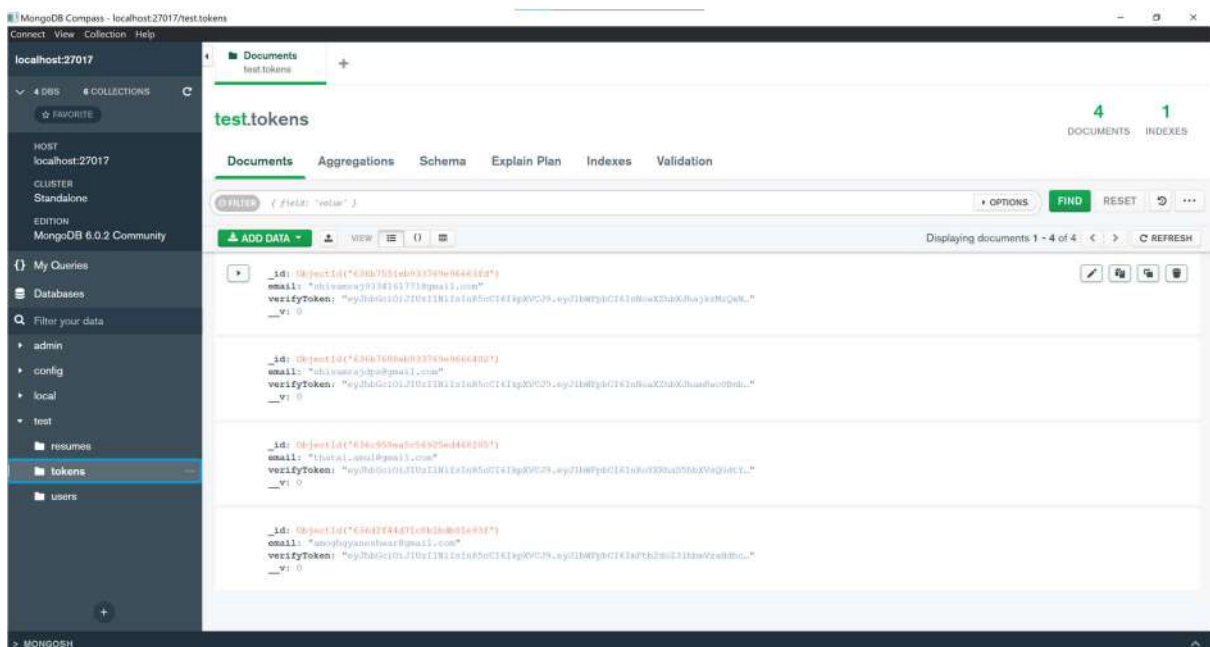
Certifications:

## Backend:

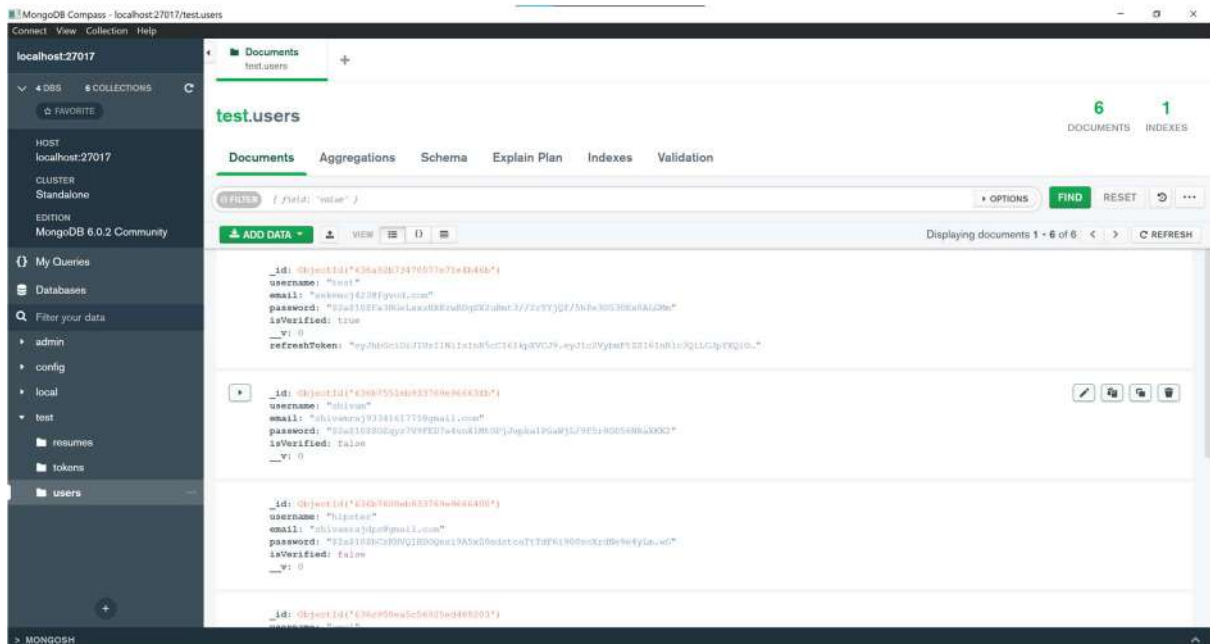
The resume table takes an account of all the data of resumes created by the user.



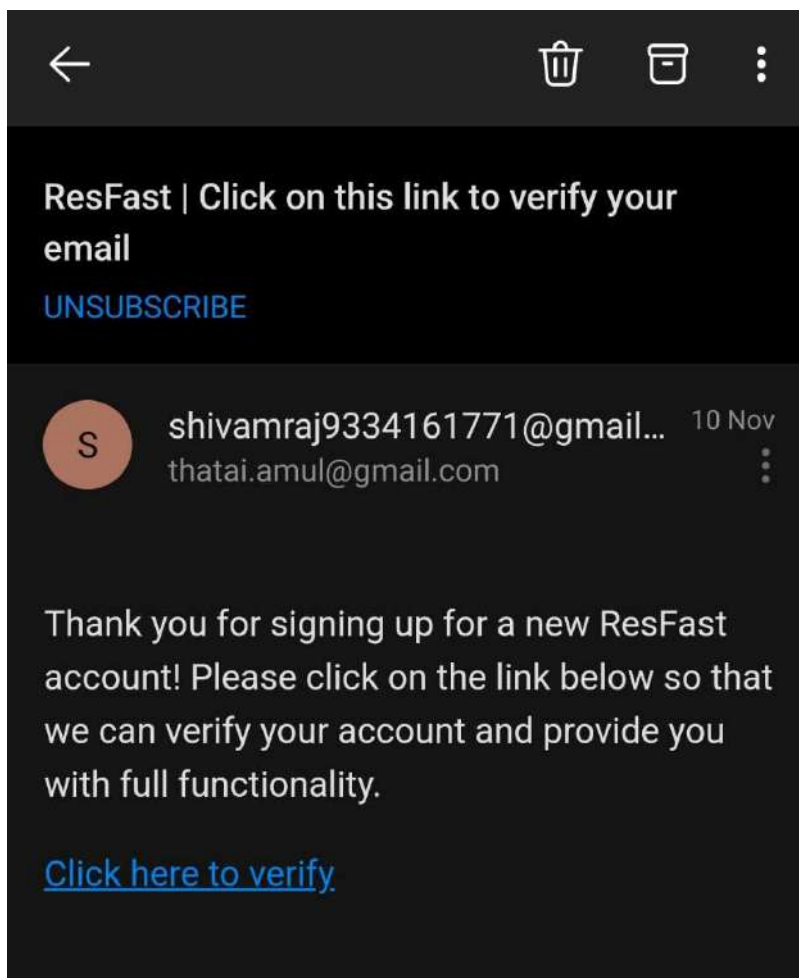
The token table notes the id and email of all the users that have signed up for our website.



The user table stores data of all the active users and also shows who all have verified their email and who have not



#### Verification Email:



## **Conclusion:**

The online resume builder is one of the most fantastic systems for the people who are either freshers in their domain or if they don't have enough idea about the resume or don't have enough time to create the resume of good designs or patterns, then this platform is a very productive place for them.

## **Future Scopes**

Resumes can also be classified according to different branches and for specific companies. For example:- If someone has more practical experience and less CGPA/Percentage and resume should emphasize on project of the person more.

## **References:**

[https://www.researchgate.net/publication/341779638\\_Resume\\_Builder\\_Application](https://www.researchgate.net/publication/341779638_Resume_Builder_Application)

<https://www.jetir.org/view?paper=JETIREN06004>

[https://www.academia.edu/43090348/Resume\\_Builder\\_Application](https://www.academia.edu/43090348/Resume_Builder_Application)

[https://www.irjmets.com/uploadedfiles/paper//issue\\_5\\_may\\_2022/22272/final/fin\\_irjmets1651835517.pdf](https://www.irjmets.com/uploadedfiles/paper//issue_5_may_2022/22272/final/fin_irjmets1651835517.pdf)

<https://www.ijsr.net/conf/RISE2017/IJSR15.pdf>

CODE LINK:

[https://drive.google.com/drive/folders/130bRhgyfy2Ud7vz7sgF44iQXHxq7vVUS?usp=share\\_link](https://drive.google.com/drive/folders/130bRhgyfy2Ud7vz7sgF44iQXHxq7vVUS?usp=share_link)

VIDEO LINK:

[https://drive.google.com/drive/folders/1OOALwQWfg0IL4Z3rgpI2FevJ-D1oEqRS?usp=share\\_link](https://drive.google.com/drive/folders/1OOALwQWfg0IL4Z3rgpI2FevJ-D1oEqRS?usp=share_link)