

Project Report
on
“RESUMEDP: MAKES YOU UNIQUE”
(A MERN Based Modern Resume Builder)

Submitted as Mini Project Report
For
MINI PROJECT (KCS-752)

Session 2022-23
in
Bachelor of Technology (B. Tech)
(Computer Science & Engineering)

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(Formerly UPTU)

STUDENT'S DECLARATION

We hereby declare that the work being presented in this report entitled **“RESUMEDP: MAKES YOU UNIQUE” (A MERN Based Modern Resume Builder)** is an authentic record of our own work carried out under the supervision of **“Mr. Sachin Saxena”**.

The matter embodied in this report has not been submitted by us for the award of any other degree.

Dated: October 10, 2021

Signature of Student

Rohit Kumar

(Computer Science & Engineering)

This is to certify that the above statement made by the candidates is correct to the best of my knowledge.

Signature of HOD

Dr. Divya Mishra

Computer Science & Engg.

Signature of Supervisor

Mr. Sachin Saxena

Assistant Professor

(Computer Science & Engg.)

Date: 10 October, 2022

ACKNOWLEDGEMENT

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*We also take the opportunity to acknowledge the contribution of Professor **(Dr.) Divya Mishra** Head, Department of Computer Science & Engineering, ABESEC Ghaziabad for his full support and assistance during the development of the project.*

We also do not like to miss the opportunity to acknowledge the contribution of all faculty members of the department for their kind assistance and cooperation during the development of our project. Last but not the least, we acknowledge our friends for their contribution in the completion of the project.

Signature:

Name: Rohit Kumar

Roll No.: 1900320100131

Date: October 10, 2022

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PROBLEM INTRODUCTION

- Resume is one of the main Document which showcase talents and abilities of an individual and creating Resume using a legacy software is one of the big tasks which includes proper formatting, proper space etc.
- The problem with the old builder of resumes is that it does not provide an opportunity for a candidate to showcase their skills in an interactive way. The new builder allows users to add different sections by clicking on icons that represent different skillsets.
- So Everyone needs a Advanced Tool which can take of this above Problem and generates resume with Proper Format.

(i) MOTIVATION

The motivations for developing resume builder are as follows:

- The traditional resume format is not very attractive and does not work well with mobile devices.
- Resume builders provide a more interactive and personalized experience for the user.
- Resume builders allow employers to find the right candidate by filtering out resumes based on their skillsets and requirements.

(ii) PROJECT OBJECTIVE

To develop a Modern Advanced Database based Resume Builder which eases the all mentioned work and which is user friendly and helps to tackle Job.

A resume software can save a lot of time and effort for individuals that find themselves constantly needing to generate their resumes. Resume builder software prevents an individual from having to update their information in various documents. Resumes can be generated with the single click of a button, saving time-consuming steps such as cutting and pasting projects into the document at hand

PROJECT DESCRIPTION

This Project named **“RESUMEDP: MAKES YOU UNIQUE” (A MERN Based Modern Resume Builder)** is a full Stack Portal which facilitates User to generate Resume Online

Project URL: <https://resumedp.aboutrohit.in>

Hosted On: Vercel & Cyclic.sh

Domain Registrar: GoDaddy

It is a type of a Full Stack Website (Front-End & Back-End) using Technology: HTML, CSS, JavaScript, jQuery, Bootstrap, ReactJS, NodeJS, ExpressJS, MongoDB etc.

Objective of Project:

- To Manage data Online.
- To Generate Resume from available Data.

Responsive View:

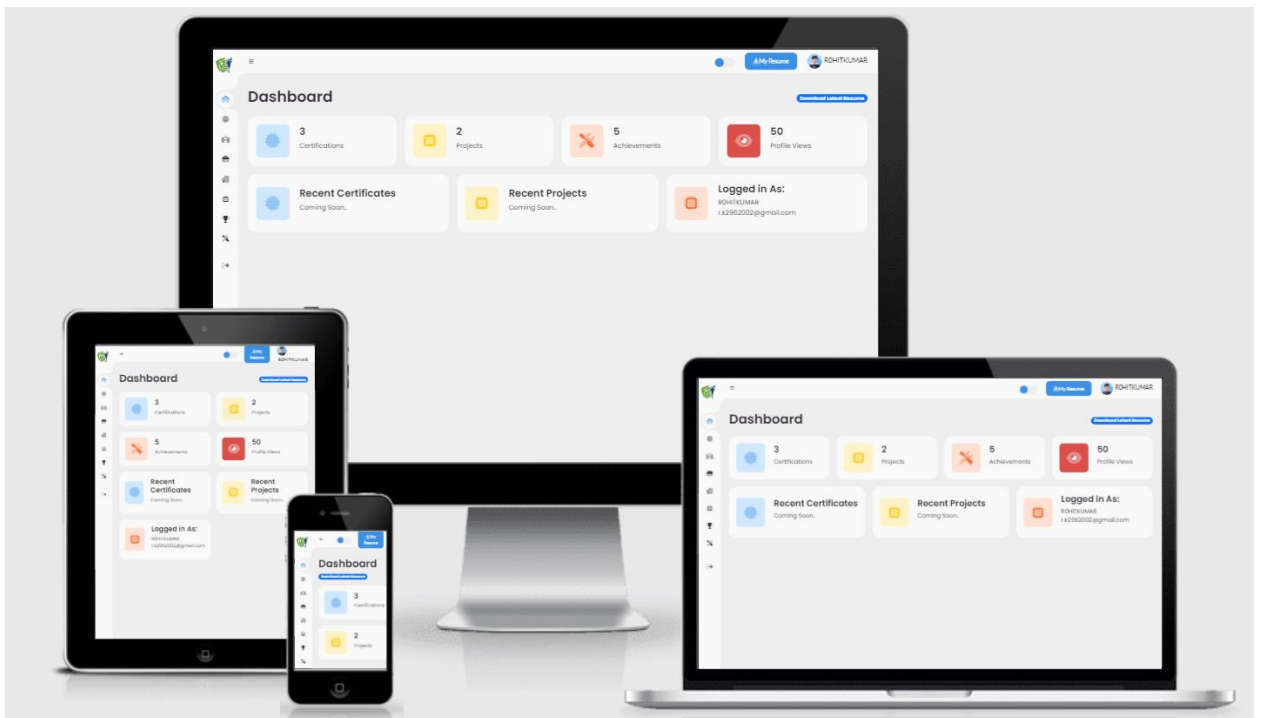


Figure 1: Responsive View

This Project is developed using MERN Stack which includes User registration, Login, Password Reset and User Dashboard where user can able to add, Read, Update and Delete different sections like:

- **Introduction**
- **Education**
- **Experience**
- **Certifications**
- **Projects**
- **Achievements**
- **Skills**

After doing the above task user can generated their Resume by taking Print of it.

Project Flow:

Login / Signup / Reset Password -> User Dashboard -> Sections -> CRUD (Create/ Read/ Update/ Delete) -> Generate Resume -> Print to PDF

PROJECT REQUIREMENTS

Hardware:

This Basic Hardware Required to develop and run this trustworthy system are:

- **Processor:** Minimum 1.6 GHz; Recommended 2GHz or more
- Ethernet connection (LAN) OR a wireless adapter (Wi-Fi)
- **Hard Drive:** Minimum 32 GB; Recommended 64 GB or more
- **Memory (RAM):** Minimum 1 GB; Recommended 4 GB or above
- **Hosting:**
 - Backend: Recommended Online Server with NodeJS Environment like Localhost, Heroku, Cyclic etc.
 - Frontend: Recommended Online Hosting like Vercel, Firebase, GitHub Pages, Firebase etc.

Software:

This Basic Software Required to develop and run this trustworthy system are:

- **Operating System:** OS X El Capitan (10.11+)
Windows 8.0, 8.1 and 10, 11 (32-bit and 64-bit)
Linux (Debian): Ubuntu Desktop 16.04, Debian 9
Linux (Red Hat): Red Hat Enterprise Linux 7
- Web Browser (Latest version of Google Chrome, Microsoft Edge, Mozilla Firefox etc).
- A Code Editor (Recommend VS Code by Microsoft)
- Git or GitHub Desktop
- NodeJS Installed on System.

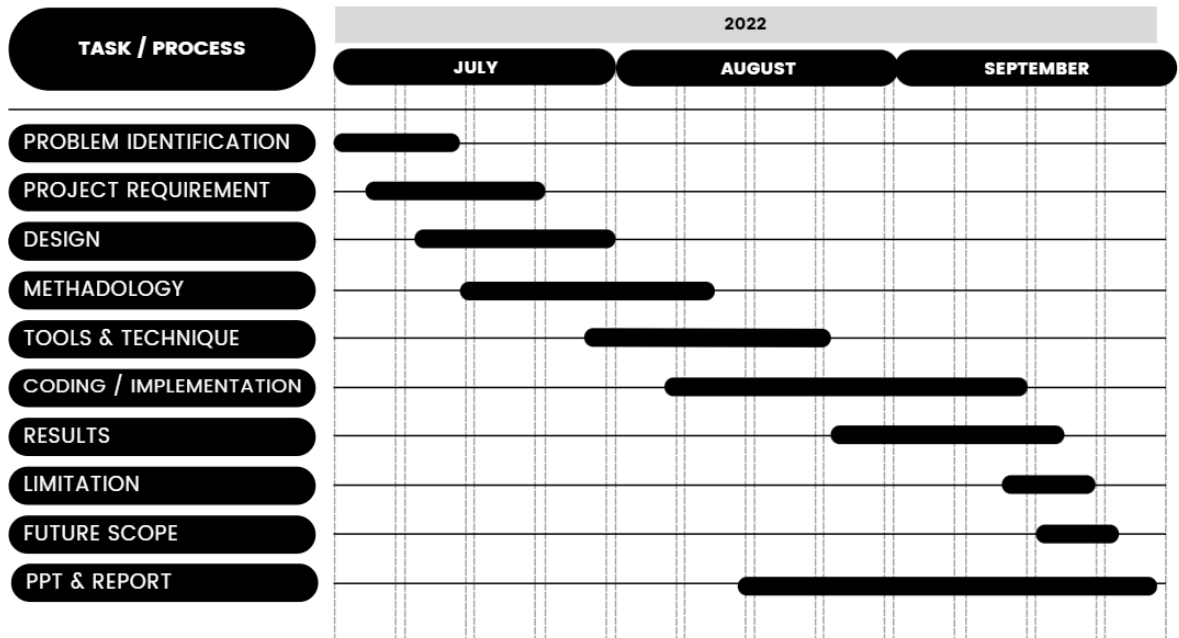
TOOLS & TECHNOLOGY USED

- **HTML** : For Structure of Web Pages required in Application
- **CSS** : To Design UI/UX of Application
- **Bootstrap** : Framework for CSS
- **JavaScript** : To add Behavior in Application
- **jQuery** : Customized Library for JavaScript
- **ReactJS** : Front-End Framework using JS
- **NodeJS** : To Create Server using JS
- **ExpressJS** : Backend Framework for JS
- **MongoDB** : No-SQL Database to Store Records.
- **GitHub** : For Version Control
- **Vercel** : For Frontend Hosting
- **Cyclic** : For NodeJS Server Hosting



CHARTS

(i) GANTT CHART:



DIAGRAMS

(I) USE CASE DIAGRAM

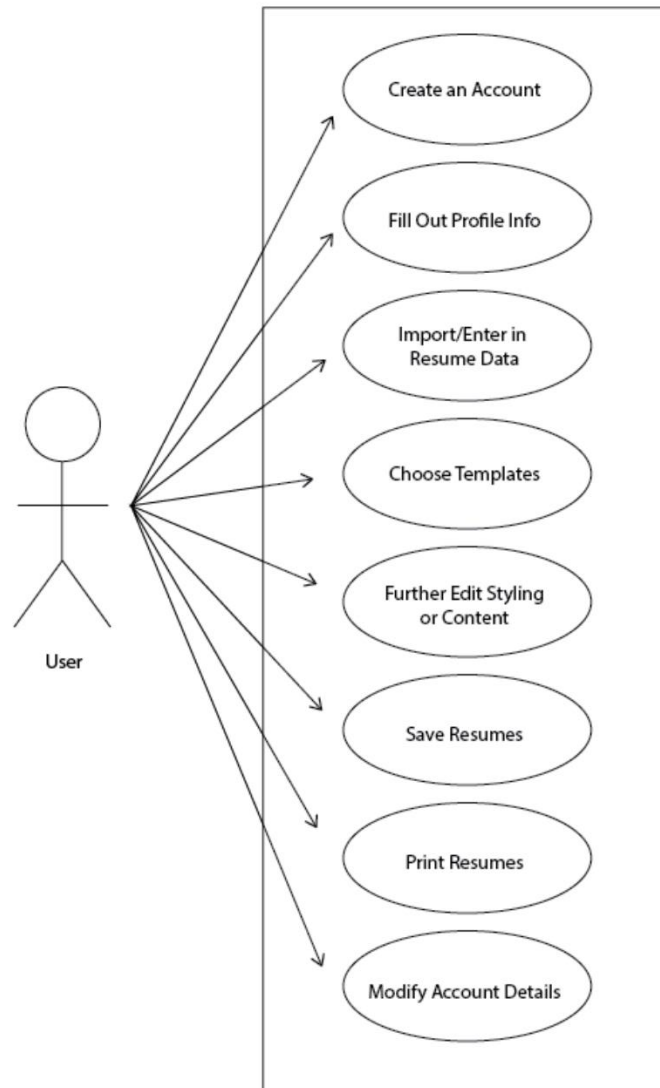


Figure 2: User Case Diagram

(II) SEQUENCE DIAGRAM

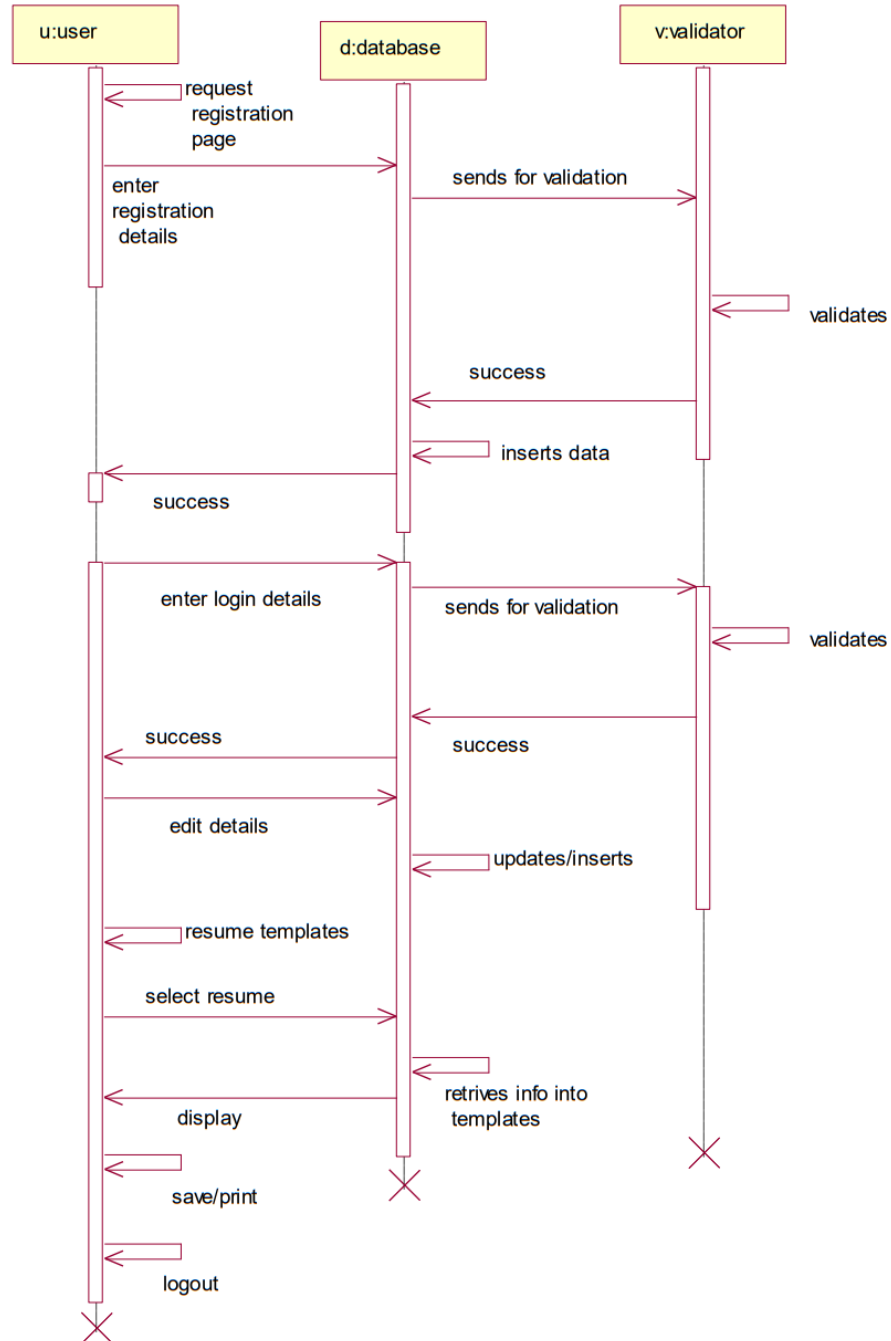


Figure 3: Sequence Diagram

(III) COLLABORATION DIAGRAM

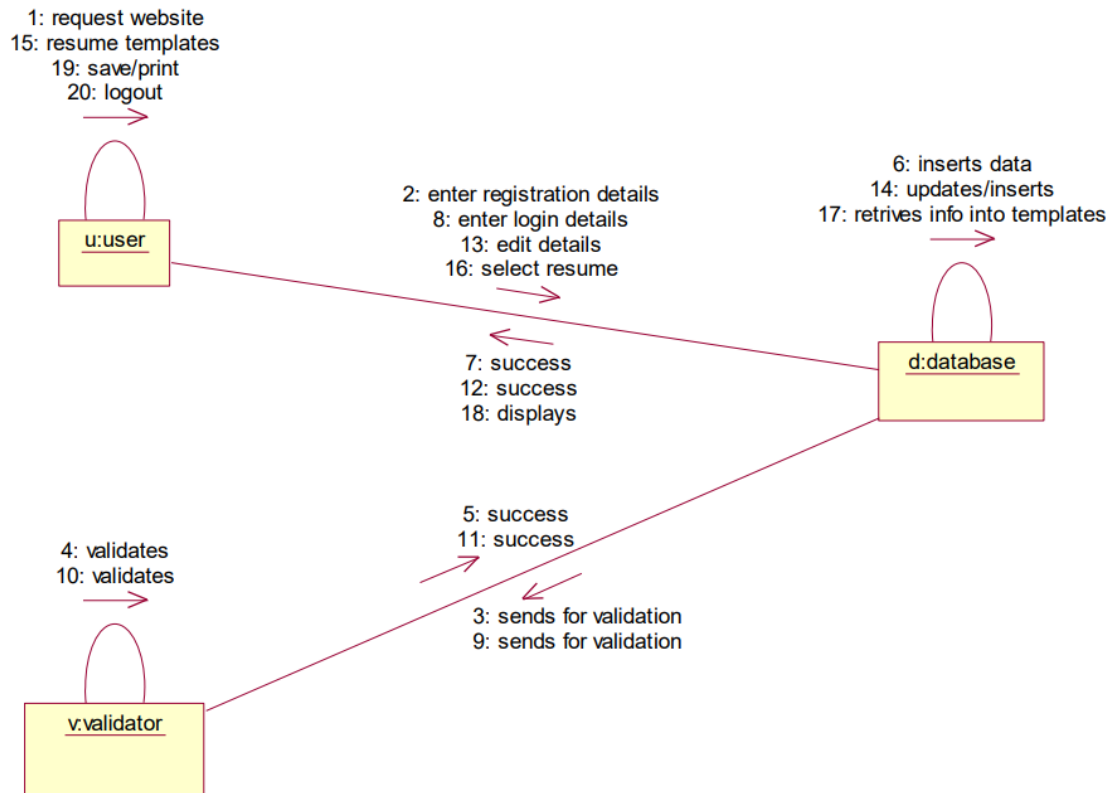


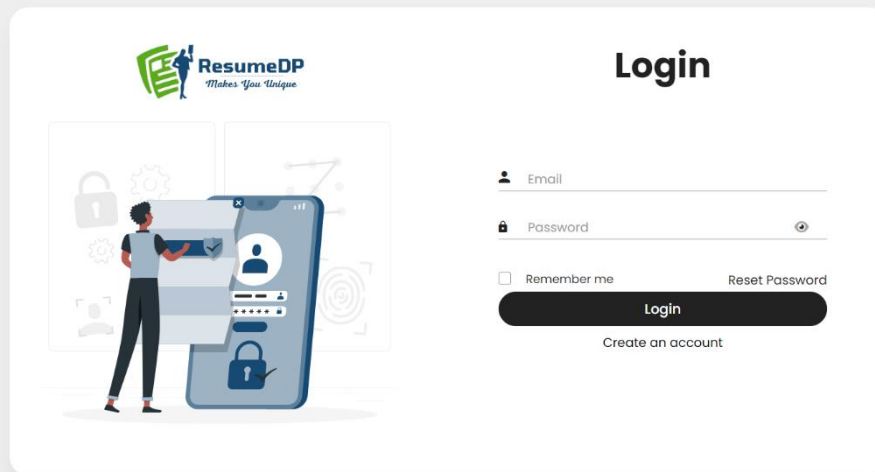
Figure 4: Collaboration Diagram

SNAPSHOTS



Figure 5: Home Page

Login Form



The login form for ResumeDP features the company logo at the top left, which includes a green icon of a person with a checkmark and the text "ResumeDP Makes You Unique". To the left of the form is an illustration of a person standing next to a large smartphone displaying a login screen. The form itself is titled "Login" and contains an "Email" input field, a "Password" input field with a toggle for visibility, a "Remember me" checkbox, a "Reset Password" link, a prominent "Login" button, and a "Create an account" link at the bottom.

ResumeDP
Makes You Unique

Login

Email

Password

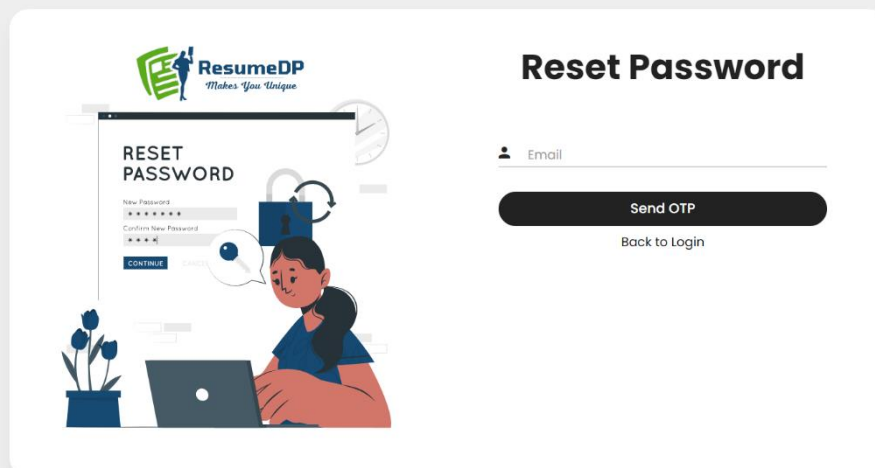
☐ Remember me [Reset Password](#)

Login

[Create an account](#)

Figure 6: Login Form

Password Reset Form



The password reset form for ResumeDP features the company logo at the top left. To the left of the form is an illustration of a person sitting at a desk with a laptop, with a "RESET PASSWORD" screen displayed on the laptop. The form is titled "Reset Password" and contains an "Email" input field, a "Send OTP" button, and a "Back to Login" link.

ResumeDP
Makes You Unique

Reset Password

Email


Send OTP

[Back to Login](#)


Figure 7: Reset Password Page

Signup Form


Sign up




Enter User Name




Your Email




Password






Repeat your password



☐ I agree all statements in [Terms of service](#)

Submit

I am already member



ResumeDP
Makes You Unique

Sign up

First Name

Last Name

Email

Password

Already a member? login

Register





Figure 8: Register Page



ResumeDP
Makes You Unique

☰

Download Latest Resume

My Resume

ROHITKUMAR

Home

Introduction

Education

Experience

Certifications


Projects

Achievements


Skills

Logout


Dashboard




3
Certifications




2
Projects




6
Achievements




50
Profile Views



Recent Certificates
Coming Soon..



Recent Projects
Coming Soon..



Logged in As:
ROHITKUMAR
r.k2962002@gmail.com

Figure 9: User Dashboard

17

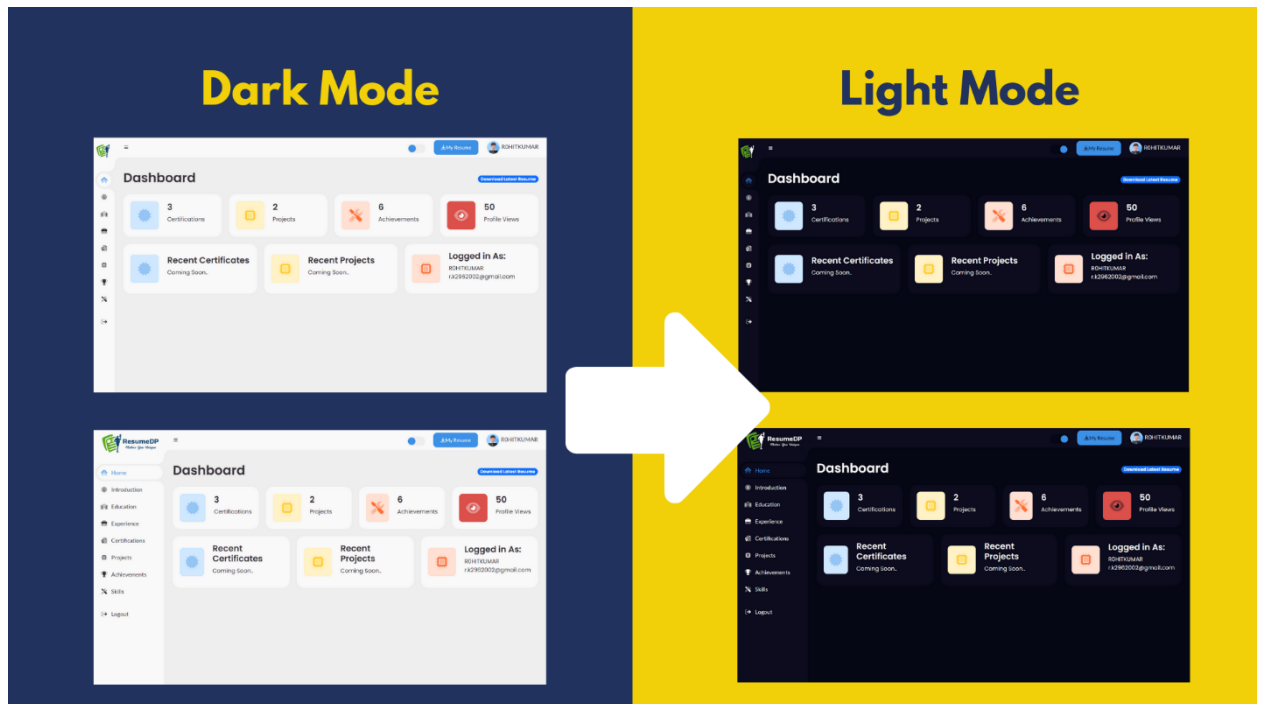


Figure 10: User Choice View

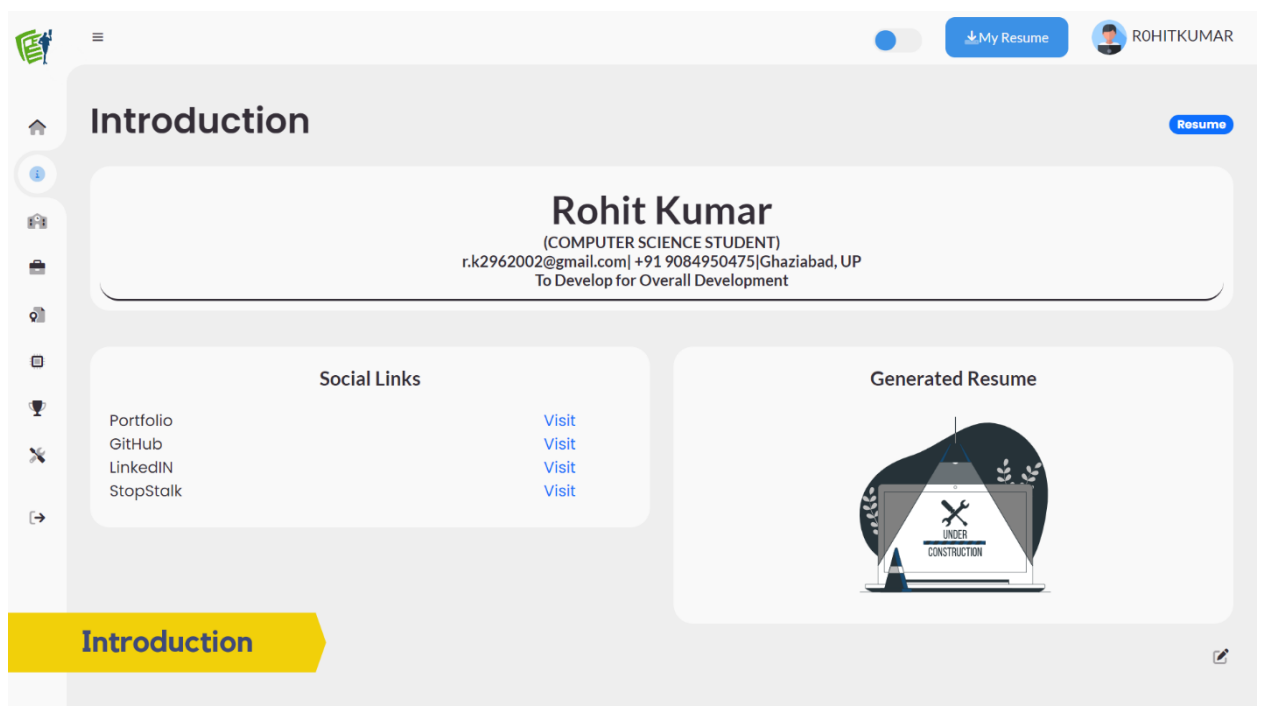


Figure 11: Introduction Section

Education

Add Education

Bachelor of Technology (B.Tech) in CSE
2019 - Pre

ABES Engineering College, Ghaziabad

Score : **8.6 CGPA**

Affiliation : Dr. Abdul Kalam Technical University (AKTU), Lucknow

Description : Currently pursuing B.Tech in CSE from AKTU

Intermediate in PCM
2019

SGRS International School, Hapur

Score : **78.6%**

Affiliation : Central Board of Secondary Education (CBSE), New Delhi

Description : Completed Intermediate in PCM from CBSE

High School in Science
2017

SGRS International School, Hapur

Score : **95%**

Affiliation : Central Board of Secondary Education (CBSE), New Delhi

Description : Completed High School from CBSE

Education

Figure 12: Education Section

Experiences

Add Experience

Head
2022 - Pre

ECell CSE, ABES Engineering College

Type : **Part Time**

Description : Joined E Cell of CSE Dept.

Digital Head
2021 - Pre

NSS Club, ABES Engineering College

Type : **Part Time**

Description : Joined NSS Club of ABES Engineering College as a Digital Head

Student
2019 - Pre

ABES Engineering College, Ghaziabad

Type : **Education**

Description : Pursuing my Engineering in domain of Computer Science & Engineering with core subjects like DBMS, C, OOSD, DS, OS, DAA, Python etc and various trainings like C, DBMS, Python, DS, DS++ etc. Joined NSS Club of ABES Engineering College as a Digital Head Joined E Cell of CSE Dept. as a Member Participated in various events like SIH 2022, Innovate Infinity etc.

Experiences

Figure 13: Experience Section

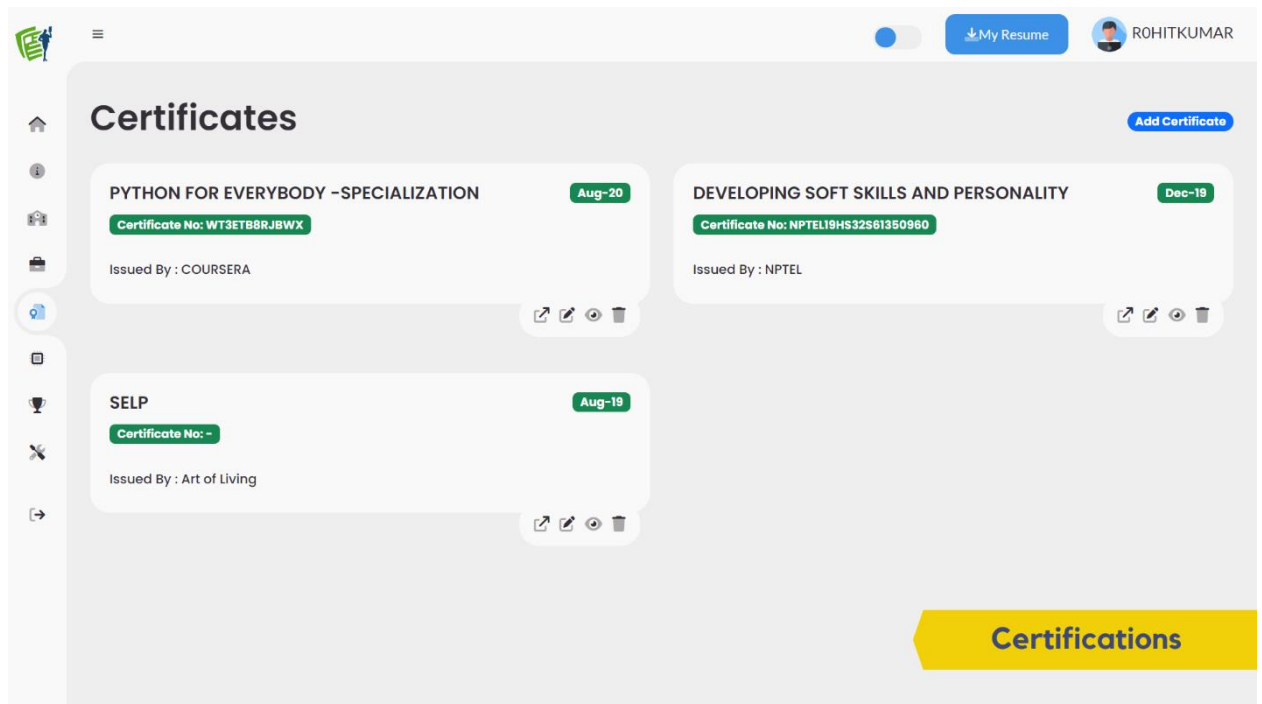


Figure 14: Certificates Section

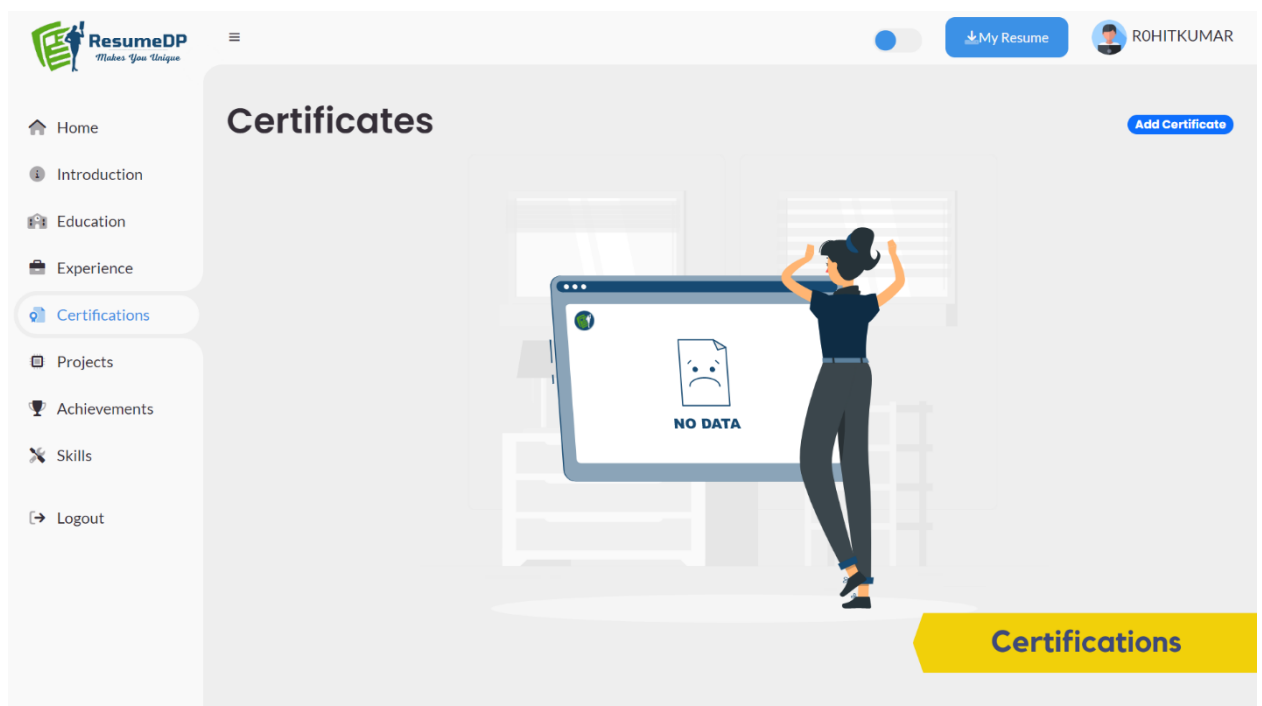


Figure 15: Sample No Record Found

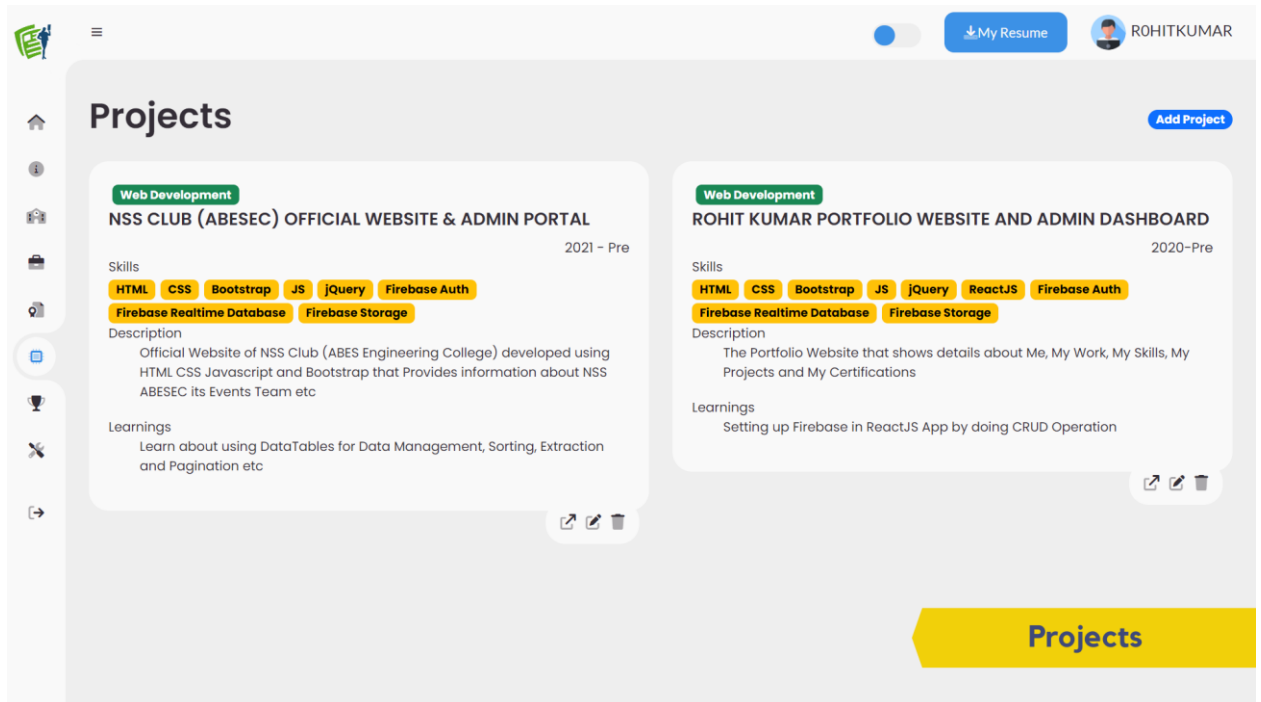


Figure 16: Projects Section

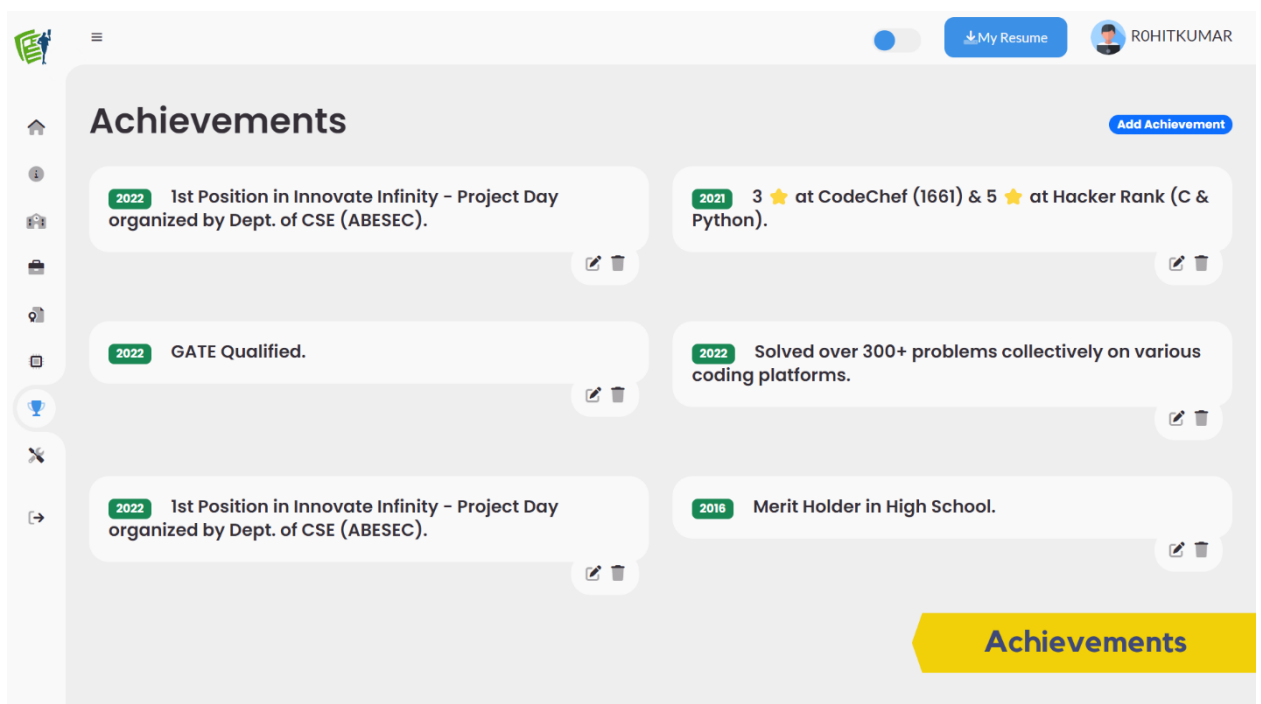


Figure 17: Achievements Section

Skills

Technical Skills

C C++ Python Java HTML CSS Bootstrap JavaScript
jQuery ReactJS NodeJS ExpressJS MySQL MongoDB Firebase
Git & GitHub Canva Office

Hobbies

Playing Badminton Listening Music

Language Known

English Hindi

Extra Curricular

Digital Head @NSS Club (ABESEC) Member @CSE E-Cell (ABESEC)

Skills

Figure 18: Skills Section

Certificates

Enter Certificate Title

Enter Certificate No.

Issued On

Issued By : Enter Issuing Authority Name

Verify URL: Enter Verification URL

Choose File No file chosen

Upload

Python for Everybody -Specialization

Certificate No: WT3ETB8RJBW

Issued By : COURSERA

Aug-20

DEVELOPING SOFT SKILLS AND PERSONALITY

Certificate No: NPTEL19HS32S61350960

Issued By : NPTEL

Dec-19

SELP

Certificate No: -

Issued By : Art of Living

Aug-19

Certificates - Add

Figure 19: Certificates Addition Form in Certificates Section

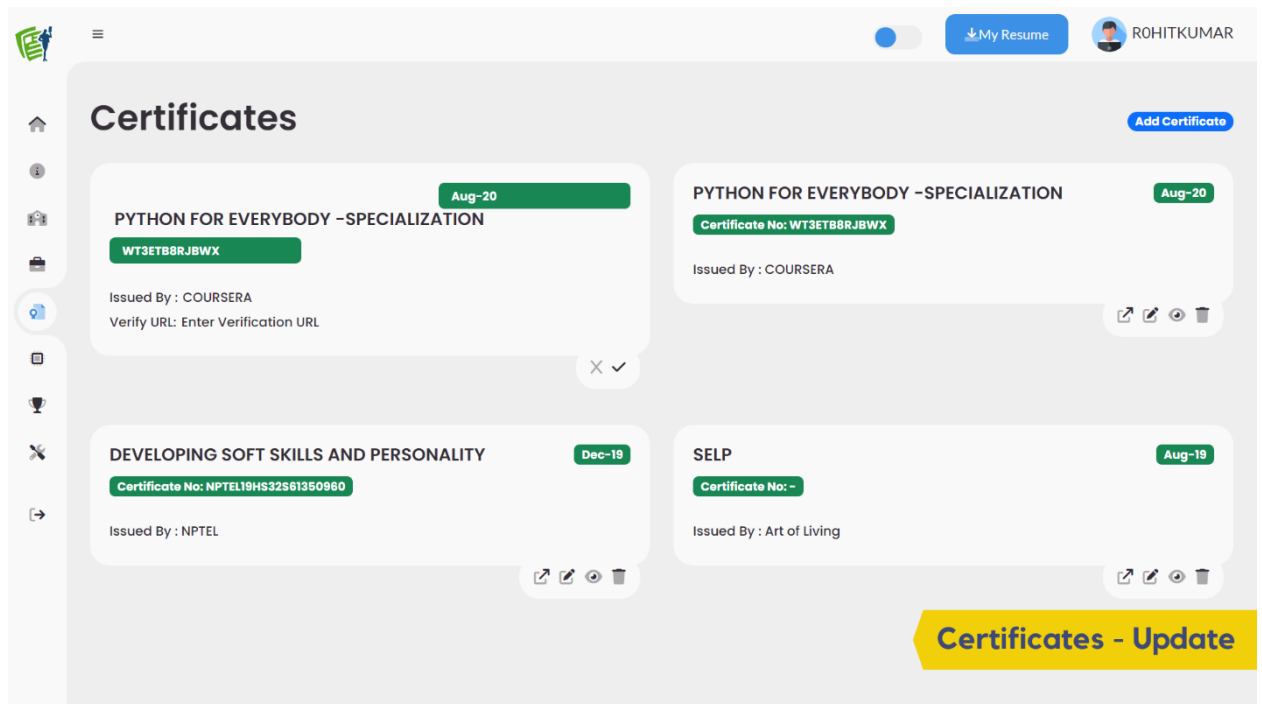


Figure 20: Certificate Update Form in Certificates Section

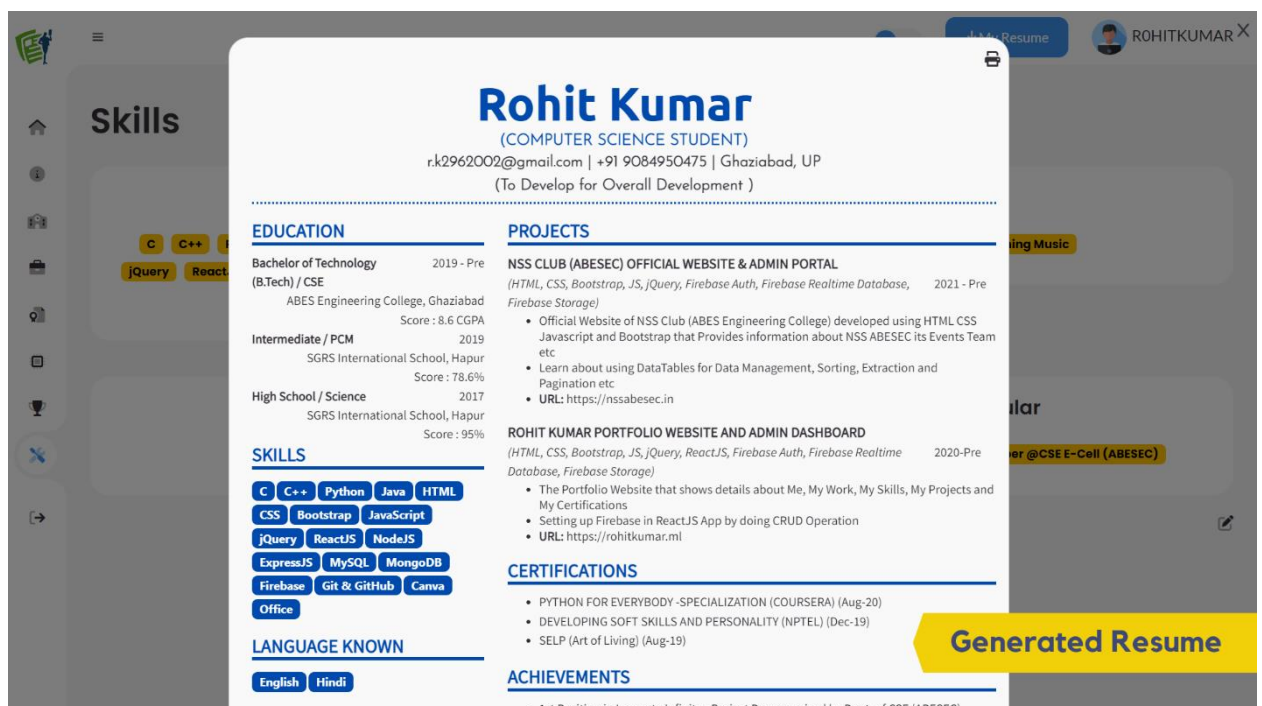


Figure 21: Generated Resume through Modal



Figure 22: Resume to Print PDF



Figure 23: Email Support

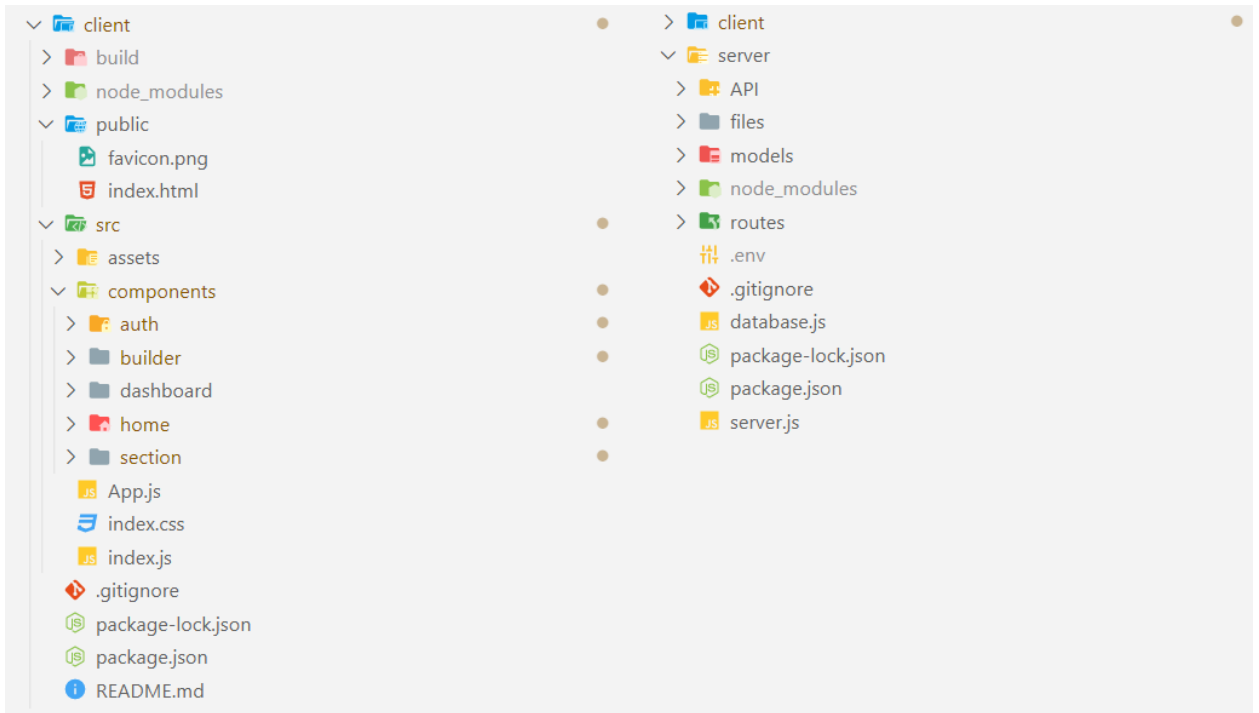


Figure 24: Folder/Directory Structure

Collection Name	Documents	Logical Data Size	Avg Document Size	Storage Size	Indexes	Index Size	Avg Index Size
achievements	5	894B	179B	36KB	1	36KB	36KB
certifications	3	808B	270B	36KB	1	36KB	36KB
educations	3	1.02KB	348B	36KB	1	36KB	36KB
experiences	3	1.1KB	376B	36KB	1	36KB	36KB
introductions	3	1.19KB	407B	36KB	1	36KB	36KB
projects	4	1.48KB	379B	36KB	1	36KB	36KB
skills	304	20.83KB	71B	44KB	1	48KB	48KB

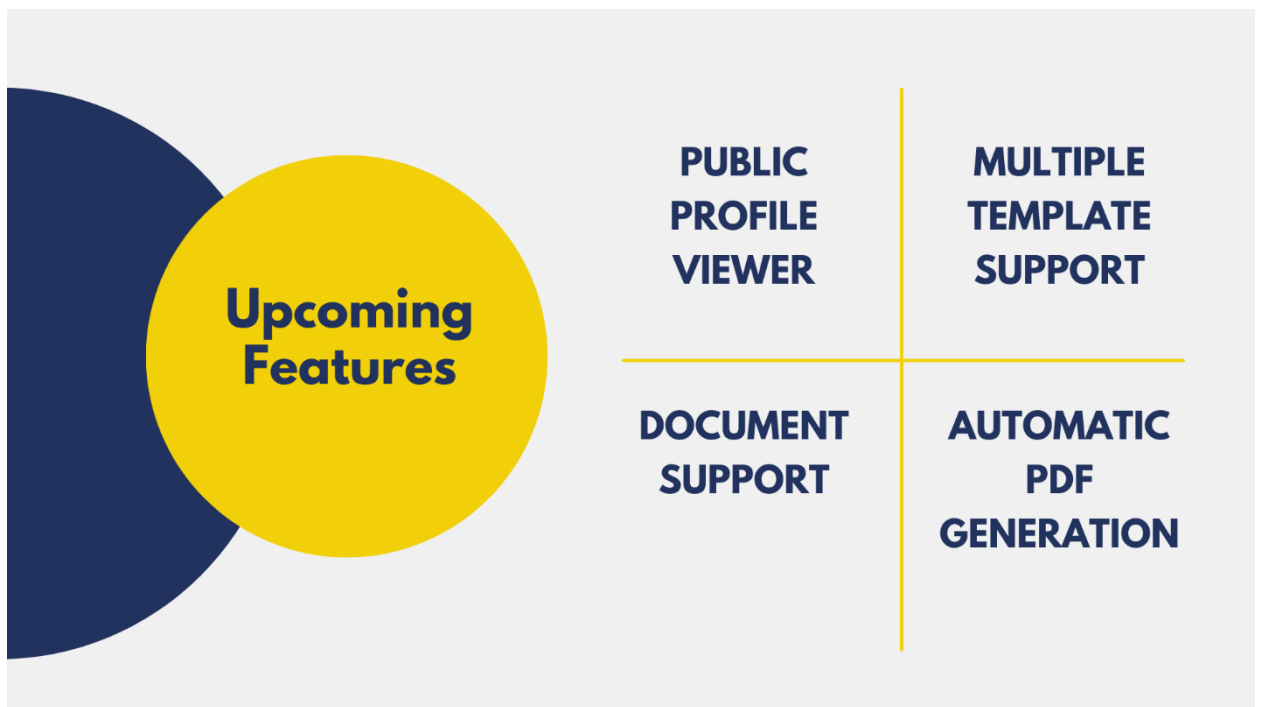
Figure 25: MongoDB Collection

SCOPE OF THE PROJECT

This Project can be extended to extreme level if I have a time & money.

This Main Scope of this Project are:

1. Public Profile Viewer
2. Multiple Template Support
3. Document Store Support using AWS S3.
4. Automatic PDF Generation



CONCLUSION

- ☒ Project URL: <https://resumedp.aboutrohit.in>
- ☒ Login Type: User
- ☒ Resume Sections:
 - Introduction
 - Education
 - Experience
 - Certifications
 - Projects
 - Achievements
 - Skills
- ☒ Communication Type: Using Email Address.

HOW TO ACCESS?

You can get Access to ResumeDP using below methods:

<https://resumedp.aboutrohit.in>



Live Project

<https://aboutrohit.in/project/ResumeDP>



Project Description

Developed by Rohit Kumar

REFERENCES

- W3Schools : <https://www.w3schools.com/>
- HTML,CSS & JavaScript (Coursera): <https://www.coursera.org/>
- ReactJS Framework: <https://reactjs.org/>
- ExpressJS Framework: <https://expressjs.com/>
- Lestari,D., Hardianto,D., Hietayanto,A.,(2014), “Analysis of User Experience Quality on Responsive Web Design from its Informative Perspective”, International Journal of Software Engineering and its Applications,(5),53-62.

**THANKING
YOU**