

RESUME BUILDER

A MINI-PROJECT REPORT

Submitted by

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IN

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**RAJALAKSHMI
ENGINEERING COLLEGE**

An AUTONOMOUS Institution
Affiliated to ANNA UNIVERSITY, Chennai

RAJALAKSHMI ENGINEERING COLLEGE

AUTONOMOUS, CHENNAI

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BONAFIDE CERTIFICATE

Certified that this mini project **“Resume Builder”** is
the bonafide work of **“LUCKEESWARAN N (2116220701147)”** who
carried out the project work under my supervision.

SIGNATURE

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Submitted for the End semester practical examination to be held on _____

INTERNAL EXAMINER

EXTERNAL EXAMINER

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Luckeeswaran N (2116220701147)

ABSTRACT

The Resume Builder is a web application designed to simplify the process of creating professional resumes. It allows users to input their personal and professional information through a user-friendly interface and choose from various pre-designed templates. The system offers a registration and login functionality, ensuring secure access to user profiles and previously saved data. Once the user has completed the resume form, they can preview the resume in their selected template and download it as a PDF. The application is built using HTML, CSS, Bootstrap, JavaScript, and PHP, providing an intuitive experience while focusing on responsive design and customizability. The primary objective is to streamline resume creation, making it efficient and customizable for users of all experience levels. Overall, the Resume Builder aims to enhance the job application process by reducing the time and effort required to create professional-quality.

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CHAPTER 1

INTRODUCTION

1. INTRODUCTION

The Resume Builder is an innovative web-based tool designed to streamline the process of creating professional resumes. It offers a user-friendly interface where individuals can easily input their personal and professional details and choose from a variety of customizable templates. By providing real-time template previews and seamless PDF downloads, it simplifies the creation of visually appealing, industry-standard resumes. The platform also features a secure login system, allowing users to save and edit their resumes at any time.

2. SCOPE OF THE WORK

The scope of the Resume Builder project encompasses the design, development, and implementation of a web-based application that simplifies resume creation for users. The project focuses on delivering an intuitive user interface that allows users to input their personal information, select from a variety of resume templates, and download their final resume in PDF format. Key features include user registration and login functionality, secure data storage for retrieving and editing resumes, real-time template preview, and responsiveness across multiple devices.

2.2 AIM AND OBJECTIVES OF THE PROJECT

Aim:

The aim of the Resume Builder is to provide a simple, efficient, and user-friendly web application that enables users to create professional, well-designed resumes with ease. The tool is intended to help users quickly generate customizable resumes that align with industry standards and personal preferences, enhancing their job application process.

Objectives:

User-Friendly Interface: To design an intuitive interface that allows users to easily input their personal and professional information without requiring advanced technical skills.

Customizable Templates: To offer a variety of professionally designed resume templates that users can select, customize, and preview in real-time.

1. **User Registration and Login:** To implement a secure authentication system that allows users to create accounts, store their data, and retrieve or edit their resumes at any time.
2. **Responsive Design:** To ensure the application is fully responsive and accessible across multiple devices, including desktops, tablets, and mobile phones.
3. **Data Security:** To provide secure data storage and transmission, ensuring that users' personal information.

4. **Cross-Platform Compatibility:** To ensure the generated resumes maintain consistent formatting across various platforms, browsers, and devices.

CHAPTER 2

SYSTEM SPECIFICATIONS

1.HARDWARE SPECIFICATIONS

Processor (CPU) : Intel Core i7-11700K (8 Cores, 16 Threads, 3.6 GHz base
Clock, upto 5.0 GHz turbo)

Memory (RAM) : 16 GB DDR4 3200 MHz

Storage : 512 GB NVMe SSD (3500 MB/s read, 3000 MB/s write)

2. SOFTWARE SPECIFICATIONS

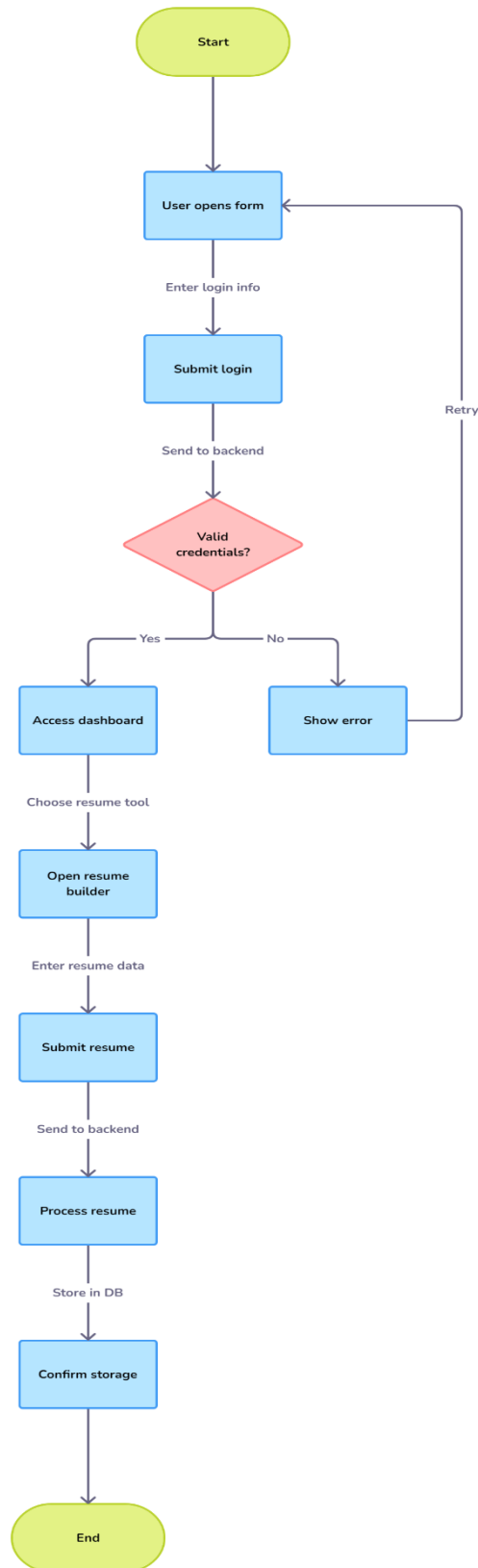
Operating System : windows 10/11, Linux (Ubuntu)

Programming Languages: Python, JavaScript, HTML/CSS

Version Control : Git (GitHub, GitLab)

CHAPTER 3

ARCHITECTURE DIAGRAM



CHAPTER 4

MODULE DESCRIPTION

4.1. User Registration and Login Module:

The **User Registration and Login Module** is the entry point for users to access the Resume Builder platform. It allows new users to create accounts by providing essential details such as their name, email address, and password. Security measures include validation checks to ensure proper data entry and a secure password recovery system. This module allows for personalized user profiles where users can store resumes and manage their information. Upon successful login, users are directed to the Resume Builder's main interface, where they can begin creating or editing their resumes.

4.2 Resume Template Selection Module:

The **Resume Template Selection Module** offers users a variety of professionally designed resume templates to choose from. This module helps users pick a template that suits their industry, experience level, or personal preference. Templates can be categorized based on style (e.g., modern, classic, creative) or professional level (e.g., entry-level, executive). Once a user selects a template, they can proceed to input their personal information into the selected layout.

4.3 Resume Builder Module:

The **Resume Builder Module** is the core of the platform, allowing users to input their details (such as education, work experience, skills, and certifications) into the resume template. This module provides a simple, step-by-step interface to guide users through the resume creation process. It includes fields for personal information, education, work experience, skills, and other custom sections. Users can preview their resume at any point and make edits as needed. The module also

provides real-time feedback on the resume's completeness and professional appearance.

4.4 PDF Export and Download Module:

The **PDF Export and Download Module** allows users to convert their completed resume into a PDF file, which can be downloaded and shared. This module ensures that the selected template and all entered information are properly formatted for the PDF export. Users can download their resumes in high-quality formats, ensuring that the final document looks professional when printed or sent digitally.

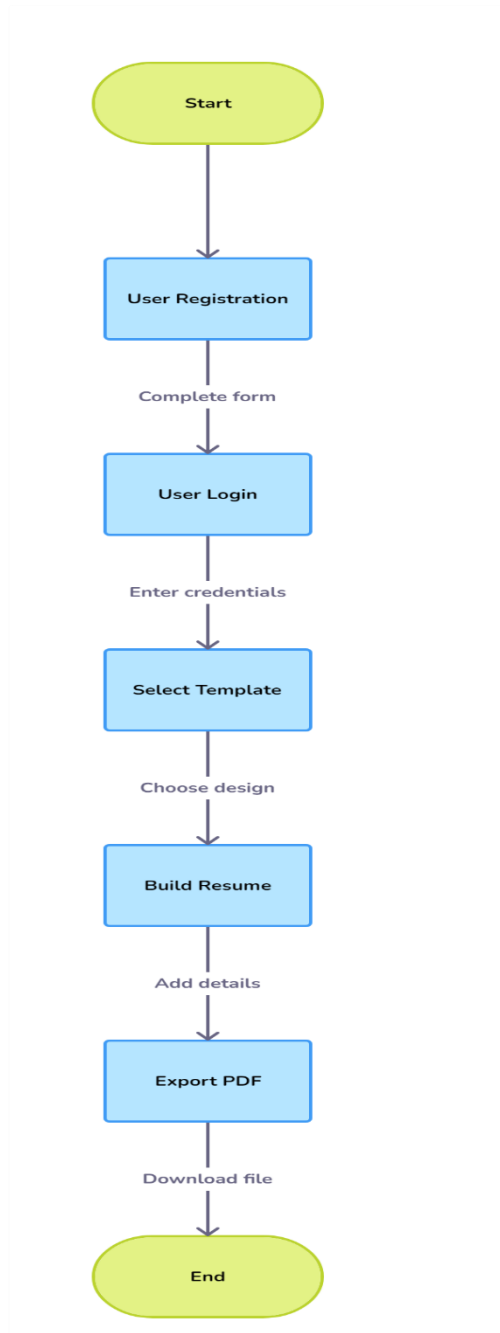
4.5 Account Management Module:

The **Account Management Module** allows users to manage their profile settings, including updating their personal information, changing passwords, and viewing previously created resumes. Users can also delete or archive old resumes, manage their subscription (if applicable), and adjust notification preferences. This module ensures that user data is stored securely and allows for seamless management of their profiles.

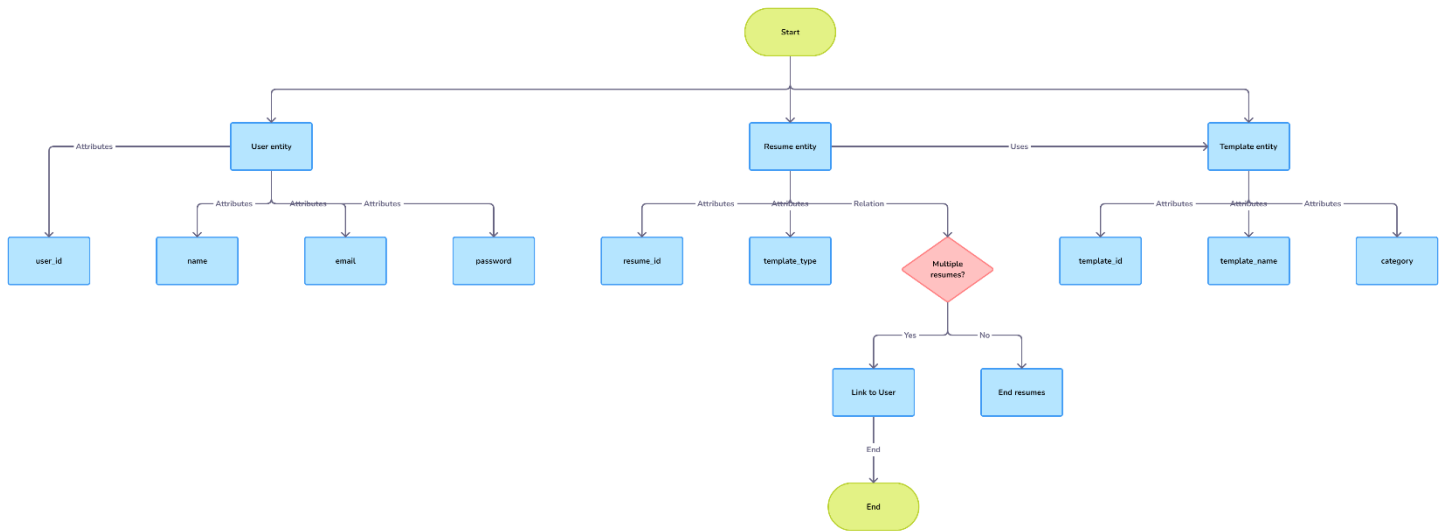
CHAPTER 5

SYSTEM DESIGN

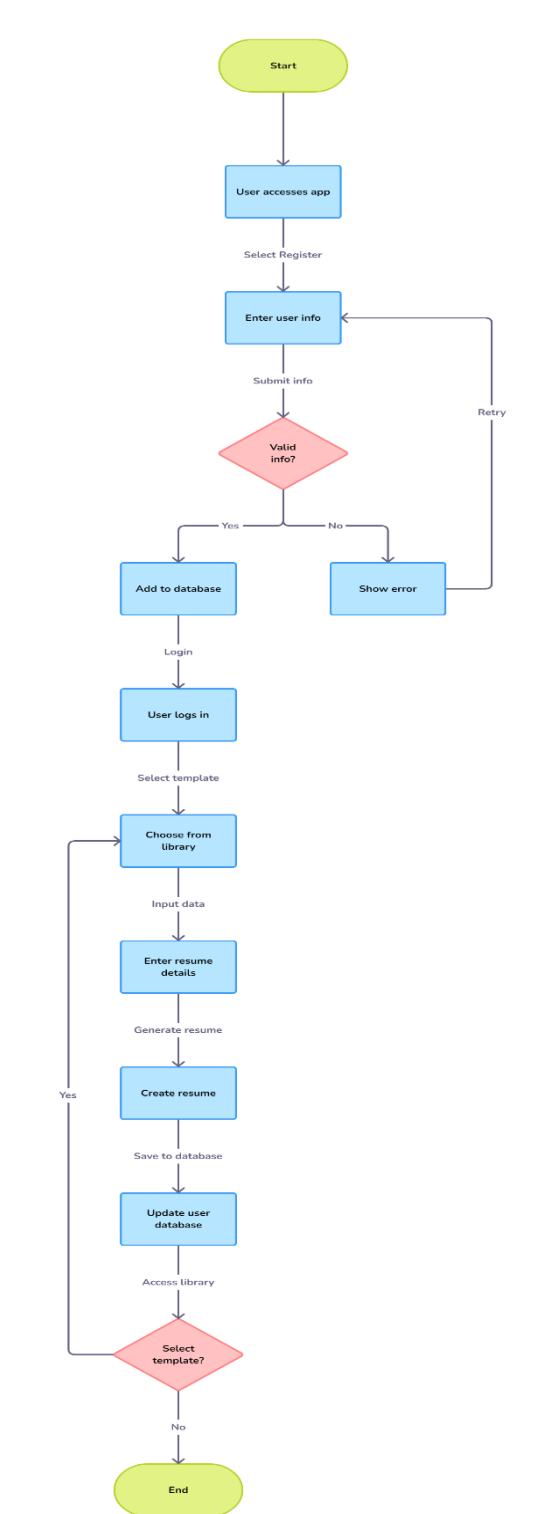
5.1 SEQUENCE DIAGRAM



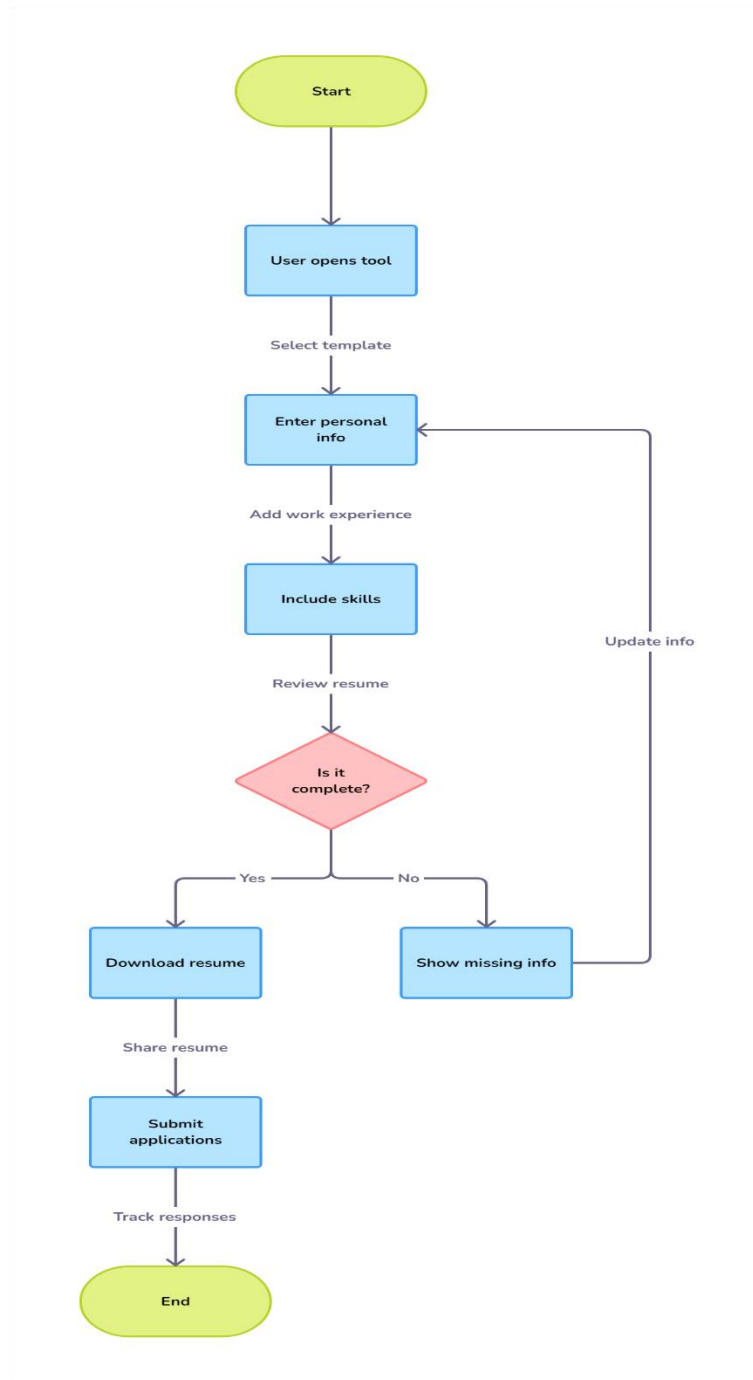
5.1 ER DIAGRAM



5.2 DFD DIAGRAM



5.3 ACTIVITY DIAGRAM



CHAPTER 6

Index.html

```
<!DOCTYPE html>
<html lang="en">
<head>
  <meta charset="UTF-8">
  <meta name="viewport" content="width=device-width, initial-scale=1.0">
  <title>Resume Builder - Login</title>
  <!-- Bootstrap CSS -->
  <link href="https://stackpath.bootstrapcdn.com/bootstrap/4.5.2/css/bootstrap.min.css"
rel="stylesheet">
  <style>
    body {
      background-image: url('https://www.resume4dummies.com/wp-
content/uploads/2020/08/interviewing-job-seekers-presenting-their-resume-for-executives-to-
consider-.jpg');
      background-size: cover;
      background-position: center;
      background-repeat: no-repeat;
      display: flex;
      justify-content: center;
      align-items: center;
      height: 100vh;
      margin: 0;
    }

    .login-container {
      background-color: whitesmoke;
      padding: 30px;
      border-radius: 8px;
      box-shadow: 0 4px 6px rgba(0, 0, 0, 0.1);
      width: 100%;
      max-width: 400px;
      transition: transform 0.3s ease-in-out, box-shadow 0.3s ease-in-out;
    }

    .login-container:hover {
      transform: translateY(-10px);
      box-shadow: 0 6px 12px rgba(0, 0, 0, 0.15);
    }

    .login-container h2 {
      margin-bottom: 20px;
    }

    .form-control:focus {
      border-color: #007bff;
      box-shadow: 0 0 8px rgba(0, 123, 255, 0.4);
    }
  </style>
</head>
<body>
  <div class="login-container">
    <h2 class="text-center">Login</h2>
    <div class="form-group">
      <input type="text" class="form-control" value="Email Address">
    </div>
    <div class="form-group">
      <input type="password" class="form-control" value="Password">
    </div>
    <div class="text-center">
      <button type="button" class="btn btn-primary">Login</button>
    </div>
  </div>
</body>
</html>
```

```

.btn-primary:hover {
  background-color: #0056b3;
  transform: scale(1.05);
}

.alert {
  display: none;
  opacity: 0;
  transition: opacity 0.5s ease;
}

.error {
  display: block;
  opacity: 1;
}

.login-logo {
  display: block;
  margin: 0 auto 20px;
  max-width: 100px;
}
</style>
</head>
<body>

<div class="login-container">
  <h2 class="text-center">Resume Builder - Login</h2>
  <div class="alert alert-danger" role="alert" id="error-message">
    Invalid email or password.
  </div>
  <form id="login-form">
    <div class="form-group">
      <label for="email">Email address</label>
      <input type="email" class="form-control" id="email" name="email" placeholder="Enter
your email" required>
    </div>
    <div class="form-group">
      <label for="password">Password</label>
      <input type="password" class="form-control" id="password" name="password"
placeholder="Enter your password" required>
    </div>
    <button type="submit" class="btn btn-primary btn-block">Login</button>
  </form>
  <div class="text-center mt-3">
    <a href="forgot_password.html">Forgot your password?</a> |
    <a href="signup.html">Sign up for an account</a>
  </div>
</div>

<!-- Bootstrap JS and dependencies -->
<script src="https://code.jquery.com/jquery-3.5.1.slim.min.js"></script>

```

```
<script src="https://cdn.jsdelivr.net/npm/@popperjs/core@2.5.4/dist/umd/popper.min.js"></script>
<script src="https://stackpath.bootstrapcdn.com/bootstrap/4.5.2/js/bootstrap.min.js"></script>

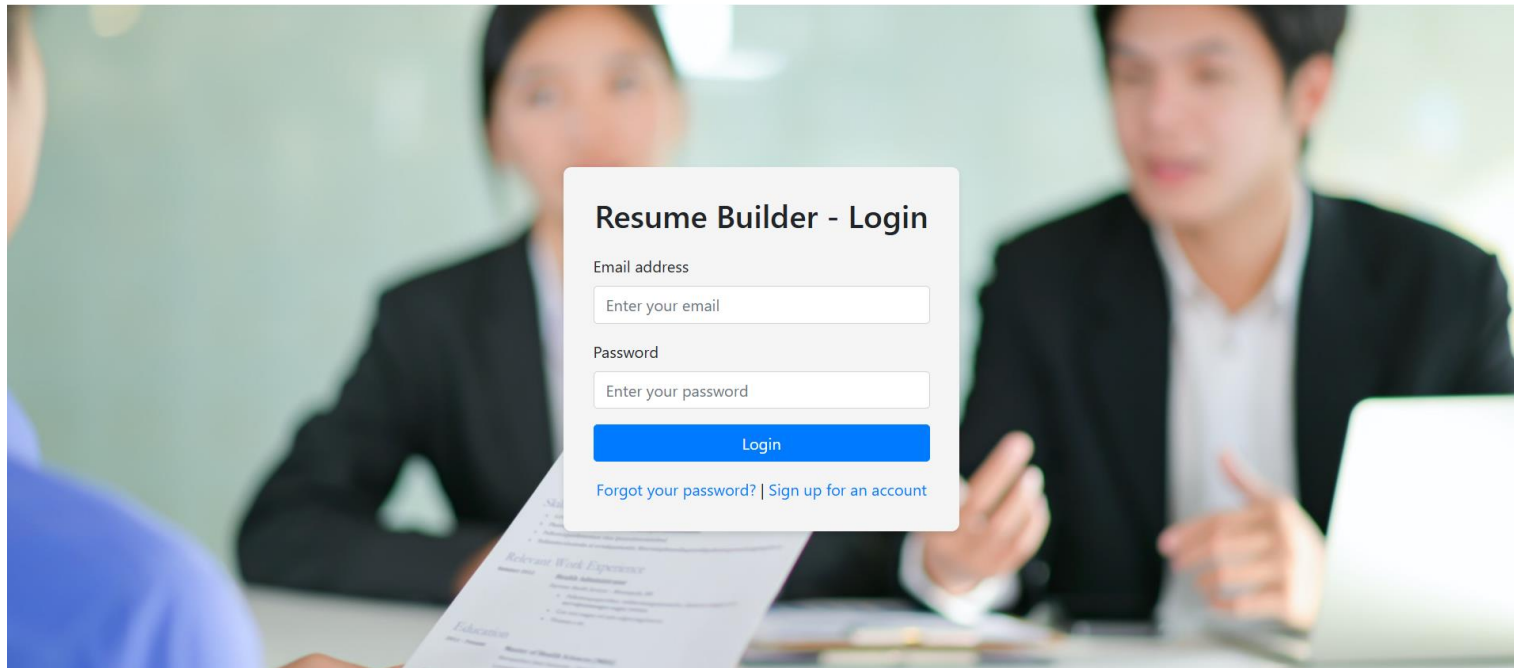
<!-- JavaScript for form submission -->
<script>
  document.getElementById('login-form').addEventListener('submit', function(event) {
    event.preventDefault(); // Prevents form from submitting traditionally

    const email = document.getElementById('email').value;
    const password = document.getElementById('password').value;

    // Basic validation for non-empty fields (you can replace this with your own validation logic)
    if (email && password) {
      // Simulate successful login and redirect to resume_builder.html
      window.location.href = 'resume_builder.html';
    } else {
      // Show error message if validation fails
      const errorMessage = document.getElementById('error-message');
      errorMessage.classList.add('error');
      errorMessage.textContent = 'Please enter a valid email and password.';
    }
  });
</script>
</body>
</html>
```

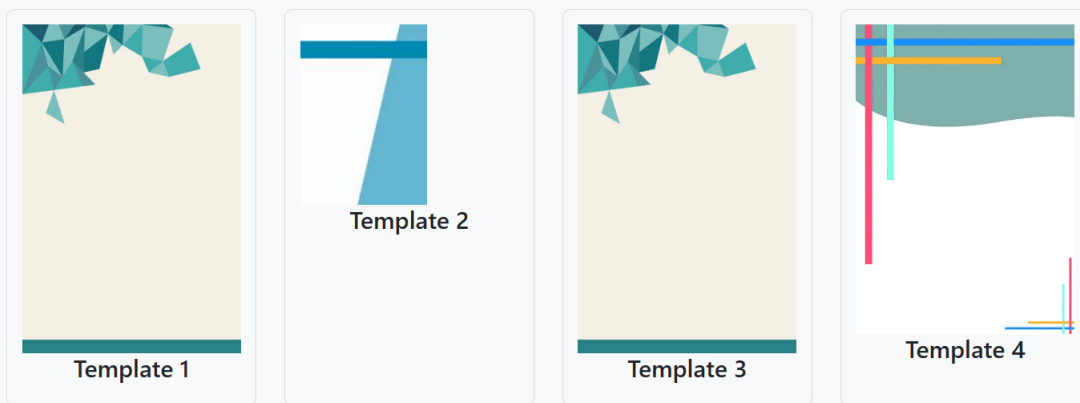
CHAPTER 7

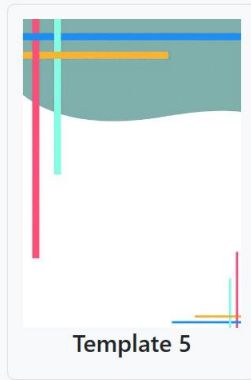
SCREEN SHOTS



Professional Resume Builder

Select a Resume Template





Create Your Resume

Full Name

Email

Phone

Summary



Create Your Resume

Full Name

Luckeeswaran

Email

220701147@rajalakshmi.edu.in

Phone

7010687378

Summary

I am from cse

Experience

web developer

Add More Experience

Education

BE Computer science and engineering

Add More Education

Generate Resume

CHAPTER 8

CONCLUSION

In conclusion, the *Resume Builder* project provides a streamlined and efficient tool for users to create professional resumes with ease. Through user-friendly interfaces for login, registration, and template selection, the application simplifies the process of resume creation, allowing users to select a preferred design and instantly generate a PDF output. This project incorporates key functionalities to enhance user experience, from secure authentication to dynamic template rendering, making it both accessible and functional. By focusing on customizable and downloadable resumes, *Resume Builder* equips users with a reliable tool for their job application needs, showcasing essential technical skills in front-end and back-end development.

REFERENCES

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2. W3Schools - <https://www.w3schools.com>
3. PHP Manual - <https://www.php.net/manual/en>
4. XAMPP Documentation - <https://www.apachefriends.org/index.html>
5. Bootstrap Documentation - <https://getbootstrap.com/docs>