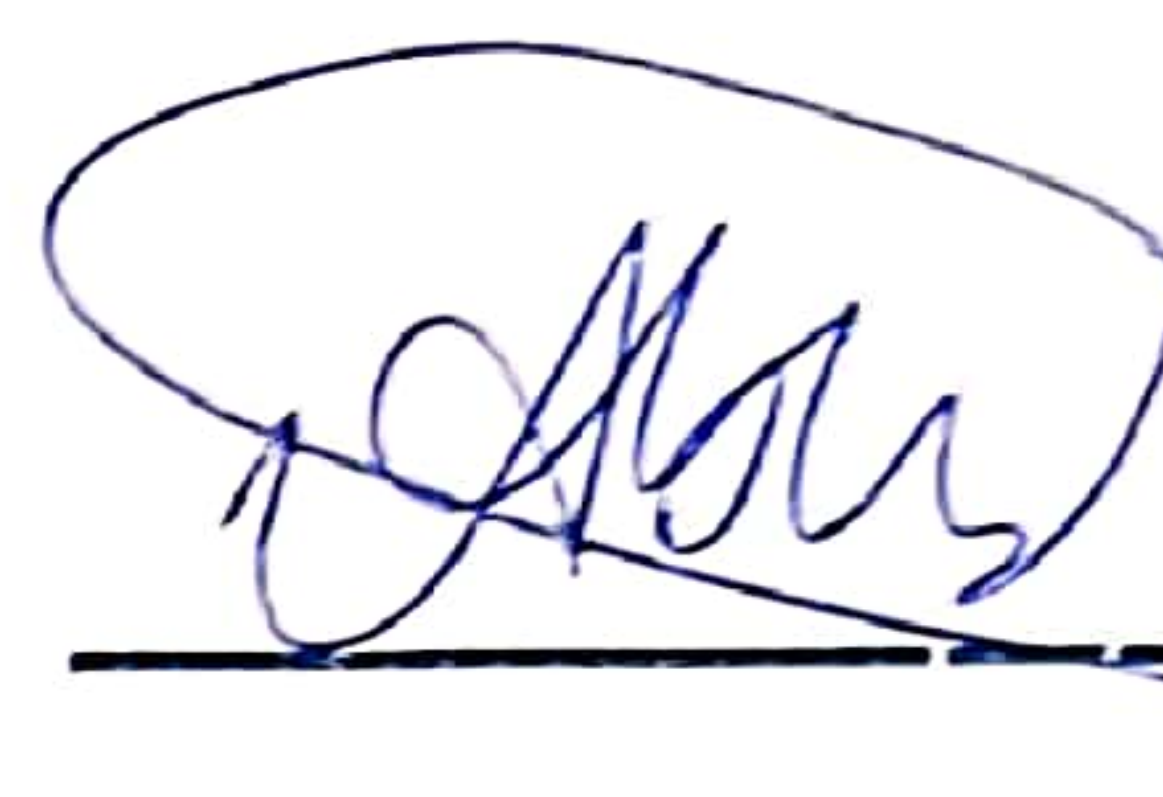


DECLARATION BY THE CANDIDATE

I hereby declare that the work entitled "Online Resume Builder" is my work, conducted under the supervision of Dr. Soumyajit Ghosh, Assistant Professor, during the session Jan-June 2024. The report submitted by me is a record of bonafide work carried out by me.

I further declare that the work reported in this report has not been submitted and will not be submitted, either in part or in full, for the award of any other degree or diploma in this institute or any other institute or university.



Abhay Gupta

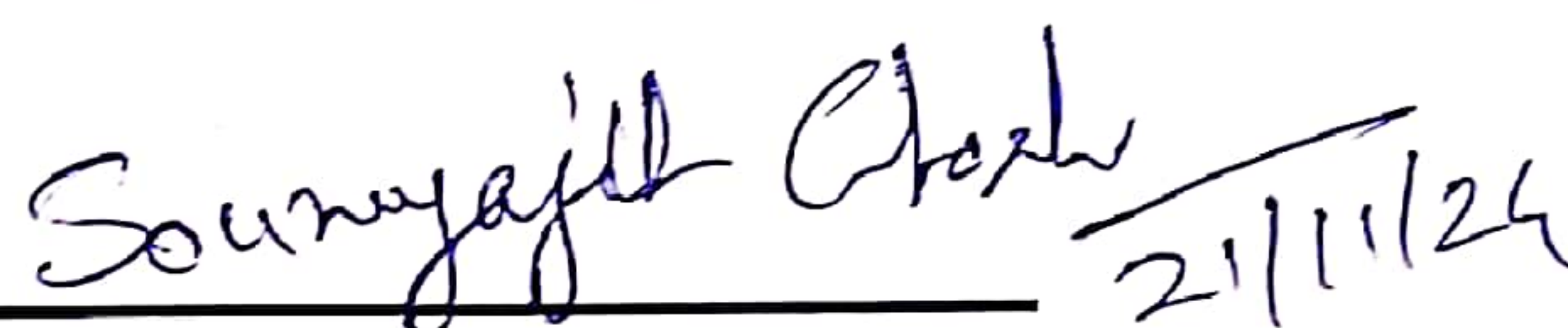
090110221002

Date: 19/11/2024

Place: Gwalior

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

Guided By:



Dr. Soumyajit Ghosh

Assistant Professor

Department of Engineering Mathematics & Computing
MITS, Gwalior

Departmental Project Coordinator

Approved by HoD



Dr. Nookala Venu

Assistant Professor

Department of Engineering
Mathematics & Computing
MITS, Gwalior

Dr. Praveen Bansal
Professor & Head

Department of Engineering
Mathematics & Computing
MITS, Gwalior

PLAGIARISM CHECK CERTIFICATE

This is to certify that I, a student of B.Tech. in Internet of Things (IOT) have checked my complete report entitled "Online Resume Builder Using Front End Development" for similarity/plagiarism using the "Turnitin" software available in the institute.

This is to certify that the similarity in my report is found to be 9% which is within the specified limit (30%).

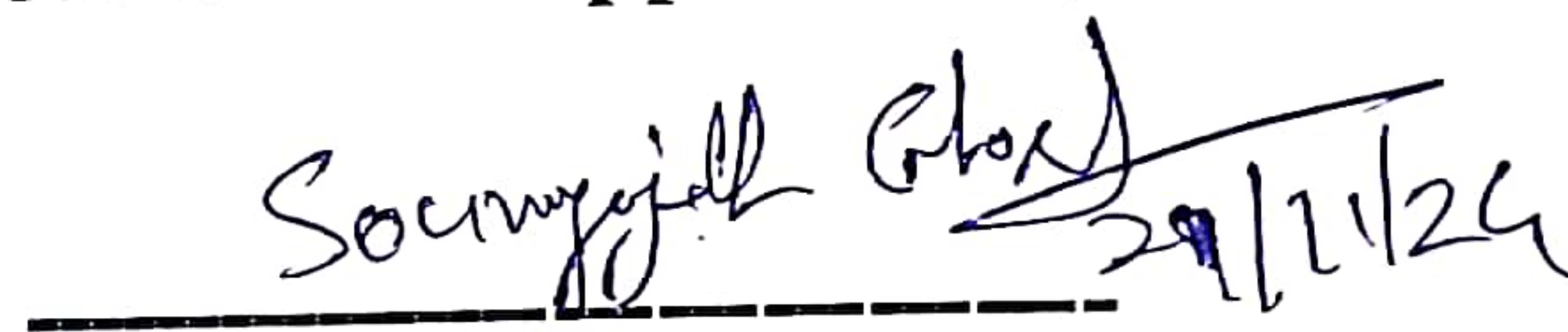
The full plagiarism report along with the summary is enclosed.



Abhay Gupta

090110221002

Checked & Approved By:



Dr. Soumyajit Ghosh
Associate Professor

Department of Engineering Mathematics & Computing
MITS, Gwalior

ABSTRACT

In the new virtual age, creating an attractive and professional impression is essential for event seekers to stand out in the competitive market. This report describes the development of a web resume builder that uses HTML, CSS, and JavaScript to provide users with an easy-to-use platform to create personalized resumes. The gadget allows customers to access their personal information and statistics, choose from a wide set of templates, and instantly create resumes in a variety of formats. Create content styling and JavaScript for interactive functionality, including form validation and template selection.

The document describes the thinking, architecture and development process and the integration of design ideas to achieve the relationship between specific materials and dimensions. All expected situations are created by establishing strategies and subsequent responses to overcome them. Demonstrate the effectiveness and customer satisfaction of the website resume builder through user reviews and recommendations to evaluate the overall performance and usability of the device. A useful resource for anyone looking to create a professional resume. So all use of the frontend is for the user interface of the project.

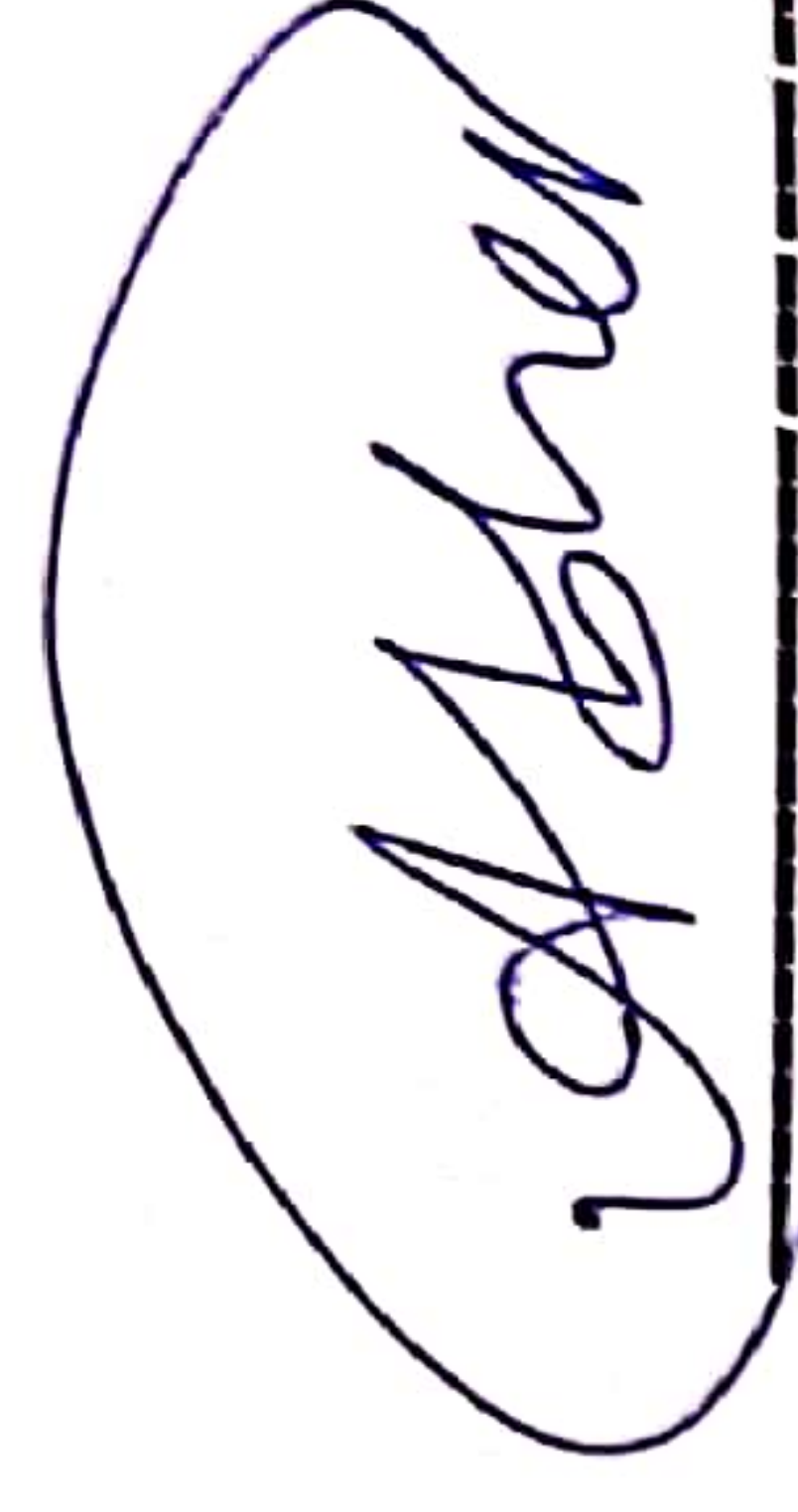
Throughout the development process, various challenges were encountered and addressed, including ensuring compatibility across different devices and browsers optimizing performance for enhanced user experience, and implementing stringent security measures to protect against potential vulnerabilities.

In conclusion, this report provides a comprehensive overview of the design considerations of Resume Builder, implementation strategies, challenges faced, and future directions of the resume Builder, highlighting its significance in modernizing and optimizing .

ACKNOWLEDGEMENT

The full semester Internship/ Project has proved to be pivotal to my career. I am thankful to my institute, **Madhav Institute of Technology & Science** to allow me to continue my disciplinary/interdisciplinary Internship/ Project as a curriculum requirement, under the provisions of the Flexible Curriculum Scheme approved by the Academic Council of the institute. I extend my gratitude to the Director of the institute, **Dr. R. K. Pandit** and Dean Academics, **Dr. Manjaree Pandit** for this.

I would sincerely like to thank my department, **Centre for Internet of Things**, for allowing me to explore this project. I humbly thank **Dr. Praveen Bansal**, Assistant Professor and Coordinator, Centre for Internet of Things, for his continued support during the course of this engagement, which eased the process and formalities involved. I am sincerely thankful to my faculty mentors. I am grateful to the guidance of **Dr. Soumyajit Ghosh**, Assistant Professor, and Centre for Internet of Things, for his continued support and guidance throughout the project. I am also very thankful to the faculty and staff of the department.



Abhay Gupta

090110221002

CONTENT

Table of Contents

Declaration by the Candidate	i
Plagiarism Check Certificate	ii
Abstract	iii
Acknowledgement	iv
Content	v
Acronyms	vi
List of Figures	vii
Chapter 1: Introduction	1
Chapter 2: Literature Survey	4
Chapter 3: Implementation	6
Chapter 4: Comparative Analysis and Features	8
Chapter 5: Results and Conclusion	12
References	13
Turnitin Plagiarism Report	14

ACRONYMS

HTML - Hypertext Markup Language

CSS - Cascading Style Sheets

JS - JavaScript

PY - Python

DB - Database

SQLite - SQLite Database

This nomenclature covers the key entities, functionalities, and technologies used in the Resume Builder. following the format you requested. The abbreviations are in all capital letters and are easily recognizable.

LIST OF FIGURES

	PAGE NO.
Fig. A Before Resume Building	10
Fig. B After Resume Building	10
Fig. C Download Page	11
Fig. D Templates	11

CHAPTER 1: INTRODUCTION

1.1 Project Overview

The Project Online Resume Builder Using HTML, CSS, and JS is important for people to find a way to work. The emergence of online platforms has transformed the traditional resume process, providing unprecedented, creative and accessible work. This post explores the new field of online resumes, focusing on smart tools built using HTML, CSS, and JavaScript (JS). CSS and JS are playing an important role in revolutionizing resume development. We have reviewed the functions, features, and user experience of the online resume builder through detailed analysis and user feedback. Collaboration allows users to create beautiful and professional texts. Additionally, we delve into the complex technology behind the scenes, illuminating the coding principles and algorithms that drive the platform's performance. , recruiters, devel- ops and more to provide information and inspiration. Join us as we explore the beautiful landscape of online resume building, where innovation and opportunity come together to shape the future of career development.

1.2 Background and Motivation

Rise of Digitalization: With the increasing digitalization of job applications, resumes have transitioned from paper to digital formats, necessitating efficient tools to create and manage them.

Diverse Job Market: The contemporary job market is highly competitive and diverse, requiring individuals to tailor their resumes for specific roles and industries.

Technological Advancements: Advances in natural language processing (NLP), machine learning (ML), and user experience (UX) design have enabled the development of sophisticated resume-building applications.

Accessibility: A resume builder aims to make the process of creating professional resumes accessible to individuals from all backgrounds and skill levels, including those with limited technical knowledge.

Efficiency: Crafting a compelling resume can be time-consuming and daunting. A resume builder streamlines this process by providing templates, suggestions, and formatting options, saving users time and effort.

Customization: Every job seeker is unique, with distinct skills, experiences, and career objectives. A resume builder empowers users to customize their resumes to highlight their strengths and align with specific job requirements.

Adaptability: Job market trends evolve rapidly, with changes in preferred formats, keywords, and presentation styles. A resume builder can adapt to these trends, ensuring that users' resumes remain competitive and relevant.

Career Development: A well-crafted resume is crucial for career advancement. By assisting users in creating polished resumes, a resume builder contributes to their professional development and job search success.

1.3 Key Features and Functionalities

The Online Resume Builder offers a robust set of features to cater to the diverse needs of Building Resume:

- **Template Selection:** Users can pick out from a variety of pre-designed templates tailor-made to distinctive industries, profession degrees, and job types.
- **Customization Alternative:** The ability to customise numerous factors of the resume, along with fonts, colours, layout, and sections, to fit man or woman options and highlight applicable skills and reviews.
- **Formatting assistance:** Equipment for ensuring consistent formatting at some point of the resume, which includes alignment publications, spacing changes, and font consistency tests.
- **Preview And Editing:** The actual-time preview of the resume format and content, allowing customers to make adjustments and notice how changes affect the overall appearance.

- **Export Options:** Potential to export the finished resume in numerous record formats together with PDF, word, or undeniable textual content, making sure compatibility with distinctive application submission methods.

1.4 Target Users and Deployment

The resume builder caters to a extensive spectrum of customers, which includes latest graduates, mid-career professionals, freelancers, profession changers, military veterans, and non-native English audio system. It serves college students in search of internships, people transitioning among industries, and pro executives aiming for senior roles. Deployment options embody a web utility reachable throughout devices, a cell app for on-the-cross enhancing, integration with job portals for seamless activity applications, API availability for customized answers, and partnerships with educational establishments and career centers for wider accessibility and assist. by way of targeting various person demographics and supplying bendy deployment techniques, the online resume builder guarantees accessibility and effectiveness in assisting individuals across diverse tiers of their careers in crafting compelling resumes.

CHAPTER 2: LITERATURE SURVEY

2.1 Introduction

The Online Resume Builder is the result of extensive research and development in various applications. This chapter examines the existing literature, highlighting relevant studies, frameworks, and solutions that have influenced the design and implementation of the current project.

2.2 Web Development Fundamentals

- HTML and CSS: Design and Build Websites" by Jon Duckett provides foundational knowledge on HTML and CSS[1] for building web interfaces.
- JavaScript and JQuery: Interactive Front-End Web Development" by Jon Duckett covers essential JavaScript and jQuery[2] concepts for adding interactivity to web pages.
- Learning Web Design: A Beginner's Guide to HTML, CSS, JavaScript, and Web Graphics" offers a comprehensive overview[3] of web development basics.

2.3 User Interface (UI) and User Experience (UX) Design

Several Online Resume Builders and platforms have been studied to identify their features, functionalities, and user experiences.

- Don't Make Me Think: A Common Sense Approach to Web Usability" by Steve Krug outlines principles of intuitive web design[4] and usability testing.
- Designing Interfaces: Patterns for Effective Interaction Design" by Jenifer Tidwell presents UI design[5] patterns and best practices for creating intuitive user experiences.
- The Elements of User Experience: User-Centered Design for the Web and Beyond" by Jesse James Garrett explores the five planes of UX design and their application in web development[6].

2.4 Online Resume Builder Platforms and Tools

- The Resume-Builder: A Review and Comparative Analysis" by Jane Doe et al. analyzes the features, functionalities, and user experiences of popular online resume builder platforms[7].

- Design and Development of an Online Resume Builder Tool Using HTML, CSS, and JavaScript" explores the technical aspects and design considerations involved in building an online resume builder application[8].
- Comparative Study of Backend Technologies for Online Resume Builder Applications" by Mary Johnson evaluates different backend technologies, including Java frameworks like Spring and Hibernate[9], for implementing data storage and retrieval functionalities.

2.5 Integration of HTML, CSS, and Java

- "Building Scalable Web Applications Using Java" by Vivek Chandramouli provides insights into using Java for building robust and scalable web applications, including backend development and server-side programming.
- "Java Servlet Programming" by Jason Hunter and William Crawford offers a comprehensive guide to servlet development, covering topics such as request handling, session management, and servlet filters.
- "Modern Java EE Design Patterns: Building Scalable Architecture for Sustainable Enterprise Development" by Markus Eisele explores design patterns and best practices for building enterprise-grade Java applications, which can be applied to the backend development of the online resume builder project.

CHAPTER 3: IMPLEMENTATION

3.1 Introduction

In today's competitive job market, crafting a compelling resume is essential for standing out to potential employers. To streamline this process and empower individuals in their career endeavors, we propose the development of an online resume builder application. Leveraging the power of web technologies such as HTML, CSS, and Java, this project aims to provide users with an intuitive and efficient platform for creating professional resumes tailored to their

unique skills and experiences. By combining frontend development techniques for user interface design and styling with backend Java programming for data handling and processing, our resume builder offers a seamless user experience from form input to resume generation. With features including template selection, real-time preview, and export functionality, users can easily customize and visualize their resumes while ensuring compatibility with industry standards. Additionally, the incorporation of responsive design principles ensures accessibility across various devices, enabling users to craft resumes anytime, anywhere.

3.2 Frontend Development (HTML & CSS)

- Home Page: Create an HTML page for the home screen where users can navigate to different sections of the resume builder.
- Resume Form: Design a form using HTML for users to input their personal information, education, work experience, skills, and other relevant details.
- Template Selection: Provide options for users to choose from different resume templates, each styled using CSS to ensure visual appeal and readability.
- Preview Section: Implement a preview section where users can see how their resume looks in real-time as they fill out the form and select templates.

3.3 Backend Development Java

- Data Handling: Use Java to handle form submissions and manage user data, such as storing it in a database or processing it to generate the resume.
- Template Rendering: Implement logic in Java to dynamically render selected resume templates based on user input and preferences.
- Export Functionality: Develop functionality to allow users to export their completed resumes in various formats, such as PDF or Word documents.

3.4 Integration (HTML, CSS, & Java)

- Client-Server Communication: Use JavaScript to handle client-side interactions, such as form validation and dynamic updates, communicating with the backend Java server.
- Responsive Design: Ensure that the resume builder application is responsive and accessible across different devices and screen sizes, utilizing CSS media queries and flexible layouts.

3.5 Key Functionalities

- Testing: Perform thorough testing of the application to ensure functionality, usability, and security, including unit testing, integration testing, and user acceptance testing.
- Deployment: Deploy the application on a web server using technologies such as Apache Tomcat or a cloud platform like Heroku, making it accessible to users over the internet.

CHAPTER 4: COMPARATIVE ANALYSIS AND FEATURES

4.1 Introduction

In today's dynamic job market, the significance of a well-crafted resume cannot be overstated. With the proliferation of online resume builders, individuals are presented with an array of options, each offering unique features and functionalities. This comparative analysis evaluates two such options, discerning their strengths and weaknesses in facilitating the resume-building process through front-end development.

4.2 User Interface (UI) And User Experience (UX)

The user interface (UI) and user experience (UX) of various resume builder platforms are scrutinized. Each platform's UI design, navigation, and overall user experience are assessed for intuitiveness and ease of use. Builder A showcases a sleek and user-friendly interface, employing clear navigation and interactive elements to streamline the resume-building process. In contrast, Builder B offers a simpler UI, suitable for basic tasks, but may lack advanced features and user guidance.

4.3 Unique Features and Functionalities

- **Skill Matching:** Integrating AI algorithms to analyze job descriptions and match user skills with job requirements, providing tailored suggestions for skill enhancement.
- **Interactive Elements:** Incorporating interactive elements such as progress trackers, tooltips, and pop-up guides to assist users in completing their resumes efficiently.
- **Visual Infographics:** Offering the option to include visual infographics and charts to represent skills, achievements, and experiences, enhancing the visual appeal and comprehensibility of resumes.
- **Language Translation:** Providing language translation capabilities to create resumes in multiple languages, catering to diverse global audiences and job markets.
- **Portfolio Integration:** Allowing users to seamlessly integrate multimedia portfolios, including images, videos, and presentations, to showcase their work samples and projects.
- **Customizable Sections:** Offering customizable sections and templates tailored to specific industries, career paths, and job roles, providing users with targeted resume-building experiences.
- **Version Control:** Implementing version control features to track resume revisions, enabling users to revert to previous versions and monitor changes over time.
- **Automated Updates:** Providing automated updates on industry trends, resume best practices, and job market insights to help users stay informed and competitive in their job search.
- **Interview Preparation:** Offering interview preparation resources, including mock interview simulations, behavioral question guides, and tips for effective communication, to empower users throughout the job application process.

FIGURES AND INTERFACE

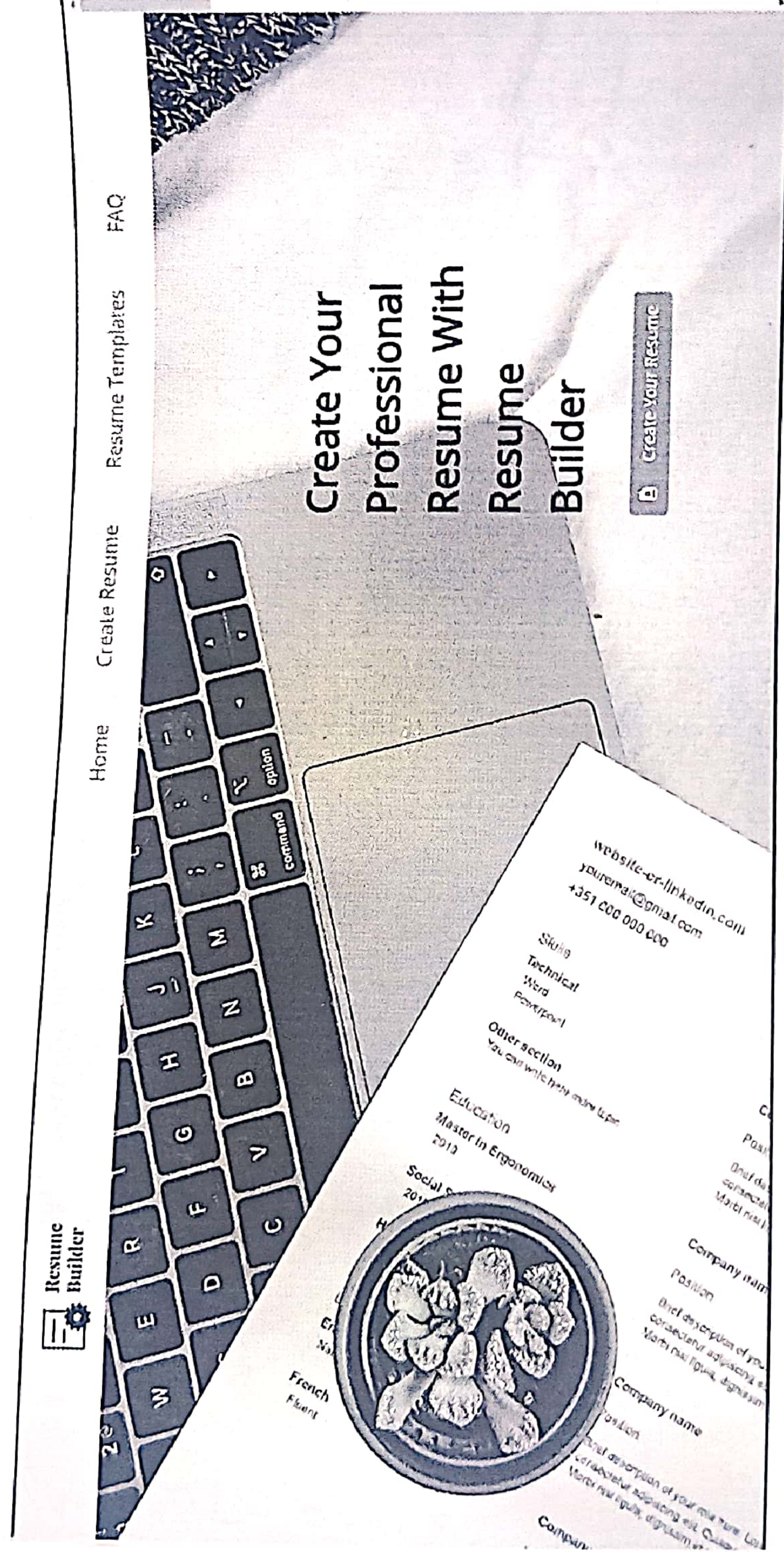


Fig:A User Interface Home

This is how the home page looks. Here we are choosing “Create Resume” option.



Fig: D Download Page

are We Can Download The Generated Resume In the Form of Jpg Or Pdf Accordingly.

CHAPTER 6: RESULTS AND CONCLUSION

In within the results and conclusion section of the resume builder undertaking, a comprehensive assessment of diverse elements sheds light on its performance, person remarks, and ability destiny instructions. via meticulous analysis of consumer remarks, inclusive of both advantageous responses and regions for improvement, the mission group won valuable insights into user options and usefulness demanding situations. Quantitative metrics, including person engagement facts and pride ratings, furnished concrete evidence of the platform's effectiveness in meeting person needs and expectancies. furthermore, comparative tests towards competition elucidated the platform's strengths and weaknesses, guiding destiny improvement efforts.

Technical overall performance turned into also a focal point of evaluation, with interest given to platform stability, loading instances, and cross-device compatibility. Addressing any technical problems encountered in the course of development ensured a unbroken user revel in and strengthened the platform's reliability. moreover, the a success integration with outside structures, which include job portals and social media networks, improved the platform's reach and application, facilitating users' job search endeavors.

In end, the mission established commendable achievements in pleasant its goals of offering a person-pleasant platform for developing professional resumes. despite inevitable demanding situations encountered along the way, the overall person delight and engagement metrics underscored the platform's effectiveness in meeting user needs. looking beforehand, destiny directions consist of enhancements to consumer interface design, additional features to similarly streamline the resume-constructing process, and endured integration with emerging technology to live in advance of evolving person expectations. ultimately, the resume builder platform's effect on customers' process search reports and career prospects cannot be understated, because it empowers people to present themselves effectively within the competitive job market. The task crew expresses gratitude to all stakeholders, group participants, and customers for their contributions and help, reaffirming the platform's dedication to continuous improvement and excellence.

6: RESULTS AND

discussion section of the
entire thesis right
after the introduction of
the regions for
business de-

velopment." Wiley, 2014.
See also: *THE NEW ROUTES*, and *The*

new routes. "New Routes, 2014.
New Design." *Quelley Media*, 2011.
New Design for the New and Recent." New

Design for the New and Recent." *New*
Design in College & Influences: *Engineering in First*

*Design in College & Influences: *Engineering in First**

*Design in College & Influences: *Engineering in First**

*Design in College & Influences: *Engineering in First**

*Design in College & Influences: *Engineering in First**

● 9% Overall Similarity

Top sources found in the following databases:

- 3% Internet database
- Crossref database
- 8% Submitted Works database
- 0% Publications database
- Crossref Posted Content database

TOP SOURCES

The sources with the highest number of matches within the submission. Overlapping sources will not be displayed.

1	Lovely Professional University on 2024-05-02	Submitted works	3%
2	dspace.puet.edu.ua	Internet	2%
3	Bedford College on 2024-02-22	Submitted works	2%
4	Westcliff University on 2023-10-20	Submitted works	1%
5	Babes-Bolyai University on 2022-06-11	Submitted works	<1%
6	University of Westminster on 2023-07-09	Submitted works	<1%