

VISVESVARAYA TECHNOLOGICAL UNIVERSITY



BELAGAVI — 590018, Karnataka

INTERNSHIP REPORT

ON

“Online Resume Builder Website”

Submitted in partial fulfilment for the award of degree(18CSI85)

BACHELOR OF ENGINEERING IN
COMPUTER SCIENCE AND ENGINEERING

Submitted by:

CHANNABASAVA REDDY T

1BY20CS404



Conducted at
COMPSOFT TECHNOLOGIES



BMS INSTITUTE OF TECHNOLOGY & MANAGEMENT

Department of Computer Science and Engineering

Accredited by AICTE, New Delhi

Doddaballapur Road ,Avalahalli

,Yelahanka,Bengaluru,Karnataka-560064

BMS INSTITUTE OF TECHNOLOGY AND MANAGEMENT

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**Doddapallapur Main road ,Avalahalli,
Yelahanka,Bengaluru,Karnataka-560064**



CERTIFICATE

This is to certify that the Internship titled “online resume **builder** website” carried out by Mr. Channabasava Reddy T, a bonafide student of Sir M Visvesvaraya Institute of Technology in partial fulfillment for the award of Bachelor of **Engineering**, in Computer Science and Engineering Branch under Visvesvaraya Technological University, Belagavi, during the year 2022-2023. It is certified that all corrections/suggestions indicated have been incorporated in the report.

The project report has been approved as it satisfies the academic requirements in respect of Internship prescribed for the course Internship / Professional Practice (18CSI85)

Signature of Guide

Signature of HOD

Signature of Principal

External Viva:

Name of the Examiner

Signature with Date

2) _____

DECLARATION

I,**CHANNABASAVA REDDY T**, final year student of Computer Science and Engineering branch, BMS Institute of Technology And Management - 560064, declare that the Internship has been successfully completed, in **COMPSOFT TECHNOLOGIES**. This report is submitted in partial fulfillment of the requirements for award of Bachelor Degree in Electronics and Telecommunication branch, during the academic year 2022-2023.

Date :10-10-2022 : :

Place :Bengaluru

USN : 1BY20CS404

NAME :

CHANNABASAVA

REDDY T



INTERNSHIP OFFER LETTER

Date: **2nd September, 2022**

Name: **Channabasava Reddy.T**

USN: **1BY20CS404**

Dear Student,

We would like to congratulate you on being selected for the **Full Stack Web Development** Internship position with **Compsoft Technologies**, effective Start Date **2nd September, 2022**, All of us are excited about this opportunity provided to you!

This internship is viewed as being an educational opportunity for you, rather than a part-time job. As such, your internship will include training/orientation and focus primarily on learning and developing new skills and gaining a deeper understanding of concepts of **Full Stack Web Development** through hands-on application of the knowledge you learn while you train with the senior developers. You will be bound to follow the rules and regulations of the company during your internship duration.

Again, congratulations and we look forward to working with you!.

Sincerely,

Nithin K. S
Project Manager
COMPSSOFT TECHNOLOGIES
No. 363, 19th main road,
1st Block Rajajinagar
Bangalore - 560010

A C K N O W L E D G E M E N T

This Internship is a result of accumulated guidance, direction and support of several important persons. We take this opportunity to express our gratitude to all who have helped us to complete the Internship.

We express our sincere thanks to our Principal, for providing us adequate facilities to undertake this Internship.

We would like to thank our Head of Dept – branch code, for providing us an opportunity to carry out Internship and for his valuable guidance and support.

We would like to thank our (Lab assistant name) Software Services for guiding us during the period of internship.

We express our deep and profound gratitude to our guide, Guide name, Assistant/Associate Prof, for her keen interest and encouragement at every step in completing the Internship.

We would like to thank all the faculty members of our department for the support extended during the course of Internship.

We would like to thank the non-teaching members of our dept, for helping us during the Internship.

Last but not the least, we would like to thank our parents and friends without whose constant help, the completion of Internship would have not been possible.

**CHETNA ANAND
1MV19ET010**

ABSTRACT

The purpose of online resume builder is to automate the existing manual system by the help of computerized network equipments and full-fledged computer software ,fulfilling their requirements, so that their valuable data/information can be stored for a longer period with easy accessing and manipulation of the same. The required hardware and software are easily available and are easy to work with.

Online resume builder as described above can lead to error free ,secure, reliable and fast management system.it can assist the user to concentrate on their other activities rather than concentrate on the record keeping .Thus it will help organization in better utilization of resources. The organization can maintain computerized records without redundant entries. That means that one need not be distracted by information that is not relevant, while being able to reach the information.

The aim is to automate its existing manual system by the help of computerized equipments and full fledge computer software, fulfilling their requirements, so that their valuable data/information can be stored for a longer period with easy accessing and manipulation of the same. Basically the project describes how to manage for good performance and better services for the clients.

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1.COMPANY PROFILE

A Brief History of Compsoft Technologies

Compsoft Technologies, was incorporated with a goal "To provide high quality and optimal Technological Solutions to business requirements of our clients". Every business is a different and has a unique business model and so are the technological requirements. They understand this and hence the solutions provided to these requirements are different as well. They focus on clients requirements and provide them with tailor made technological solutions. They also understand that Reach of their Product to its targeted market or the automation of the existing process into e-client and simple process are the key features that our clients desire from Technological Solution they are looking for and these are the features that we focus on while designing the solutions for their clients.

Sarvamoola Software Services. is a Technology Organization providing solutions for all web design and development, MYSQL, PYTHON Programming, HTML, CSS, ASP.NET and LINQ. Meeting the ever increasing automation requirements, Sarvamoola Software Services. specialize in ERP, Connectivity, SEO Services, Conference Management, effective web promotion and tailor-made software products, designing solutions best suiting clients requirements.

Compsoft Technologies, strive to be the front runner in creativity and innovation in software development through their well-researched expertise and establish it as an out of the box software development company in Bangalore, India. As a software development company, they translate this software development expertise into value for their customers through their professional solutions.

They understand that the best desired output can be achieved only by understanding the clients demand better. Compsoft Technologies work with their clients and help them to define their exact solution requirement. Sometimes even they wonder that they have completely redefined their solution or new application requirement during the brainstorming session, and here they position themselves as an IT solutions consulting group comprising of high caliber consultants.

They believe that Technology when used properly can help any business to scale and achieve new heights of success. It helps Improve its efficiency, profitability, reliability; to put it in one sentence "Technology helps you to Delight your Customers" and that is what we want to achieve.

2.ABOUT THE COMPANY



Compsoft Technologies is a Technology Organization providing solutions for all web design and development, MYSQL, PYTHON Programming, HTML, CSS, ASP.NET and LINQ. Meeting the ever increasing automation requirements, Compsoft Technologies specialize in ERP, Connectivity, SEO Services, Conference Management, effective web promotion and tailor-made software products, designing solutions best suiting clients requirements. The organization where they have a right mix of professionals as a stakeholders to help us serve our clients with best of our capability and with at par industry standards. They have young, enthusiastic, passionate and creative Professionals to develop technological innovations in the field of Mobile technologies, Web applications as well as Business and Enterprise solution. Motto of our organization is to “Collaborate with our clients to provide them with best Technological solution hence creating Good Present and Better Future for our client which will bring a cascading a positive effect in their business shape as well”. Providing a Complete suite of technical solutions is not just our tag line, it is Our Vision for Our Clients and for Us, We strive hard to achieve it.

Products of Compsoft Technologies.

Android Apps

It is the process by which new applications are created for devices running the Android operating system. Applications are usually developed in Java (and/or Kotlin; or other such option) programming language using the Android software development kit (SDK), but other development environments are also available, some such as Kotlin support the exact same Android APIs (and bytecode), while others such as Go have restricted API access.

The Android software development kit includes a comprehensive set of development tools. These include a debugger, libraries, a handset emulator based on QEMU, documentation, sample code, and zutorials. Currently supported development platforms include computers running Linux (any modern desktop Linux distribution), Mac OS X 10.5.8 or later, and Windows 7 or later. As of March 2015, the SDK is not available on Android itself, but software development is possible by using specialized Android applications.

Web Application

It is a client–server computer program in which the client (including the user interface and client- side logic) runs in a web browser. Common web applications include web mail, online

retail sales, online auctions, wikis, instant messaging services and many other functions. web applications use web documents written in a standard format such as HTML and JavaScript, which are supported by a variety of web browsers. Web applications can be considered as a specific variant of client–server software where the client software is downloaded to the client machine when visiting the relevant web page, using standard procedures such as HTTP. The Client web software updates may happen each time the web page is visited. During the session, the web browser interprets and displays the pages, and acts as the universal client for any web application. The use of web application frameworks can often reduce the number of errors in a program, both by making the code simpler, and by allowing one team to concentrate on the framework while another focuses on a specified use case. In applications which are exposed to constant hacking attempts on the Internet, security-related problems can be caused by errors in the program.

Frameworks can also promote the use of best practices such as GET after POST. There are some who view a web application as a two-tier architecture. This can be a “smart” client that performs all the work and queries a “dumb” server, or a “dumb” client that relies on a “smart” server. The client would handle the presentation tier, the server would have the database (storage tier), and the business logic (application tier) would be on one of them or on both. While this increases the scalability of the applications and separates the display and the database, it still doesn’t allow for true specialization of layers, so most applications will outgrow this model. An emerging strategy for application software companies is to provide web access to software previously distributed as local applications. Depending on the type of application, it may require the development of an entirely different browser-based interface, or merely adapting an existing application to use different presentation technology. These programs allow the user to pay a monthly or yearly fee for use of a software application without having to install it on a local hard drive. A company which follows this strategy is known as an application service provider (ASP), and ASPs are currently receiving much attention in the software industry.

Security breaches on these kinds of applications are a major concern because it can involve both enterprise information and private customer data. Protecting these assets is an important part of any web application and there are some key operational areas that must be included in the development process. This includes processes for authentication, authorization, asset handling, input, and logging and auditing. Building security into the applications from the beginning can be more effective and less disruptive in the long run.

Web design

It is encompasses many different skills and disciplines in the production and maintenance of websites. The different areas of web design include web graphic design; interface design; authoring, including standardized code and proprietary software; user experience design; and

search engine optimization. The term web design is normally used to describe the design process relating to the front-end (client side) design of a website including writing mark up. Web design partially overlaps web engineering in the broader scope of web development. Web designers are expected to have an awareness of usability and if their role involves creating mark up then they are also expected to be up to date with web accessibility guidelines. Web design partially overlaps web engineering in the broader scope of web development.

Departments and services offered

Compsoft Technologies plays an essential role as an institute, the level of education, development of student's skills are based on their trainers. If you do not have a good mentor then you may lag in many things from others and that is why we at Compsoft Technologies gives you the facility of skilled employees so that you do not feel unsecured about the academics. Personality development and academic status are some of those things which lie on mentor's hands. If you are trained well then you can do well in your future and knowing its importance of Compsoft Technologies always tries to give you the best.

They have a great team of skilled mentors who are always ready to direct their trainees in the best possible way they can and to ensure the skills of mentors we held many skill development programs as well so that each and every mentor can develop their own skills with the demands of the companies so that they can prepare a complete packaged trainee.

Services provided by Compsoft Technologies.

- Core Java and Advanced Java
- Web services and development
- Dot Net Framework
- Python
- Selenium Testing
- Conference / Event Management Service
- Academic Project Guidance
- On The Job Training
- Software Training

3.INTRODUCTION

Introduction to Web Apps

Web applications are similar to the traditional applications you'd install on your Information, such as Microsoft Office. They are able to perform the same kinds of tasks, they look the same and they feel the same but there is one key difference - the application itself is not installed on your phone or Information, but lives in the cloud. Web apps are not new, but it used to be that they were often unable to compete with more traditional applications for business critical functions or where rich user interaction was required. This is no longer the case. With the power of modern web technologies, we are able to design and build performing, secure, and feature rich applications that live in the cloud and bring with them a huge number of benefits.

1. They can be accessed from anywhere.

- Because web applications are built with web technologies and they run in a web browser Internet Explorer, Google Chrome, Mozilla Firefox – this allows them to be accessed from every web enabled tool. As long as you have an internet connection you can use them.
- It allows for remote working, it allows for rapid publishing of content, it allows for real time collaboration between teams. If you have web access, you have the ability to access your business tools.

2. They are cost effective.

- Web applications are cheaper to produce and maintain than traditional applications. No matter how many platforms your business uses (Mac, Linux, Windows) web application build can be used across them all.

3. They benefit from more rapid update cycles.

- A huge benefit of web applications is that when an update is released, all of your users are immediately using that version. This doesn't happen with installed applications, especially in large organizations with IT policies that restrict administrator access.

4. They are secure.

- Web developers have had to become experts in security – the web is a platform designed to share everything with everyone! As such, the types and levels of security included in web applications are often far greater than those seen in traditional applications.

- They also benefit from the ability to launch updates in real-time – the application on the servers is the application people are using. The applications on people's laptops however is the version last installed. And when those laptops get left on a train it's not a concern, as nothing is stored locally.

5. They enable more computing with fewer Information.

- Web applications push all of the hard work to the servers, and act as intermediaries between the user interface and the calculations happening behind the scenes. This means you can accomplish terrifyingly complex work on a tablet, or your phone.
- We've built web applications that allow people to understand the complex relationships between 250,000 pieces of art on their phones, and applications that run the business systems of one of the largest solar energy providers in the world. Often these products are not financially viable to build using traditional application processes.

Problem Statement

Develop an application which facilitates creation of resumes online having a need to create resume as freshers and also which can be used by any novice use. This is a functional-oriented website where we focus on functionality and not the design, Obtain relevant professional and personal information that should be included in the resume, obtain this information in a systematic way and create a free resume out of it.

Ref: <https://resumebuild.com/>

Introduction to online resume builder Website

An online resume builder is a software developed to simplify the task of creating a resume for individuals. The application provides an effective means of designing desired resume in fact a professional looking resume. The system is flexible to be used and reduces the need of thinking and designing an appropriate resume according to qualifications. Usually individuals get confused while creating a resume especially for a novice person such as graduate students. They don't get a clear idea of what things and information must be included in a resume. Hence the system is developed to provide them an easy way for creating a professional looking resume. This project is user-friendly and requires minimum human intervention. Individuals just have to fill up a form that specifies questions from all required fields such as personal questions, educational, qualities, interest, skills and so on. The answers provided by the users are stored and the system automatically generates a well structured resume

4. SYSTEM ANALYSIS

1. Existing System

Present system is the manual system where every task is performed again & again. We need to manually change the format of the resume. Sending of resumes is done manually. All the activities in the system, which can be done by using automated methods, are being done manually. Since all tasks are being performed manually so it needs a lot of work force.

.Disadvantages of Present System

Since, our present system is a manual system it has several disadvantages described below:-

- Lack of immediate retrievals:** - The information is very difficult to retrieve (download) and to find particular information. This results in inconvenience and wastage of time.
- Lack of immediate information storage:** - The information takes time and efforts to be attached again & again with mails or to be sent by post.
- Lack of prompt updating:** - Various changes to information are difficult to make if resume is sent.
- Error prone manual calculation:** - Manual calculations are error prone and take a lot of time this may result in incorrect information.
- Preparation of accurate and prompt reports:** - This becomes a difficult task as information is difficult to collect from various registers.

2. Proposed System

Our proposed system provides automation to Resume. This system provides online storage/updates and retrieval facility. This system promises very less or no paper work and also provides help to customers and viewers/employers. In this system everything is stored electronically so very less amount of paper work is required and information can be retrieved very easily without searching here and there into registers. This system ensures certain features that are not available with present manual system. These are described below:

- a)**Planned approach towards working:** - The working in the system will be well planned and organized. The data will be stored properly in data stores, which will help in retrieval of information as well as its storage.
- b)**Accuracy:** - The level of accuracy in the proposed system will be higher. All operation would be done correctly and it ensures that whatever information is coming from the server is accurate.
- c)**Reliability:** - The reliability of the proposed system will be high due to the above stated reasons. The reason for the increased reliability of the system is that now there would be proper storage of information.
- d)**No Redundancy:** - In the proposed system utmost care would be that no information is repeated anywhere, in storage or otherwise. This would assure economic use of storage space and consistency in the data stored.
- e)**Immediate Retrieval of Information:** - The main objective of proposed system is to provide for a quick and efficient retrieval of information. Any type of information would be available whenever the viewer or customer requires.
- f)**Immediate storage of information:** - In manual system there are many problems to store & update the large amount of information.
- g)**Easy to Operate:** - The system should be easy to operate and should be such that it can be developed within a short period of time and fit in the limited budget of the user.

3.Objectives of the system

1)Planned approach towards working: - The working of the system will be well planned and organized. The data will be stored properly in data stores, which will help in retrieval of information as well as its storage.

2)Accuracy: - The level of accuracy in the proposed system will be higher. All operation would be done correctly and it ensures that whatever information is coming from the system is accurate.

3)Reliability: - The reliability of the proposed system will be high due to the above stated reasons. The reason for the increased reliability of the system is that now there would be proper storage of information...

4)No redundancy: - In the proposed system utmost care would be that no information is repeated anywhere, in storage or otherwise. This would assure economic use of storage space and consistency in the data stored.

5)Immediate Retrieval of Information: - The main objective of proposed system is to provide for a quick and efficient retrieval of information. Any type of information would be available whenever the user requires.

6)Immediate storage of information: - In manual system there are many problems to store & update the large amount of information...

System provides facilities like:-

- 1) Customizing the resumes according to the user requirements.
- 2) Editing the design.
- 3) Choosing from latest professional designers.
- 4) Viewed resume notification for the customers.

Various operations done in the system are as follow:-

- 1) Registering customers.
- 2) Access to viewers/employers is allowed for public/shared data only.
- 3) Writing resumes.
- 4) Editing in design.
- 5) Keeping track of latest formats of resumes.
- 6) Viewed resume notification.

5. REQUIREMENT ANALYSIS

Hardware Requirement Specification

- MySQL
- Notepad++ Editor
- Processor: Intel core i5 processer
- Memory: 15.6 GB
- Hard Disk: 40 GB

Software Requirement Specification

A]Functional Requirements

- **Operating System:** Win-98, Win-XP, Linux
- * **Software Required:** Internet Explorer, Mozilla other higher version Firefox or any web browser.

B]Non-Functional Requirements

- **Availability**

The online registration system shall permit backing up of the registration database while other registration actives are going on.

- **Accessibility**

The system shall be accessible by people with specific vision needs to the extent that a user shall be able to display whole user interface in a larger font without truncating displayed text or other values.

- **Security**

The access permissions for system data may only be change by the systems data administrator passwords shall never be viewable at the point of entry or any other time.

6.DESIGN & ANALYSIS

Architectural Design

Architectural design represents the structure of data and program components that are required to build a computerbased system. It considers the architectural style that the system will take, the structure and properties of the components that constitute the system, and the interrelationships that occur among all architectural components of a system.

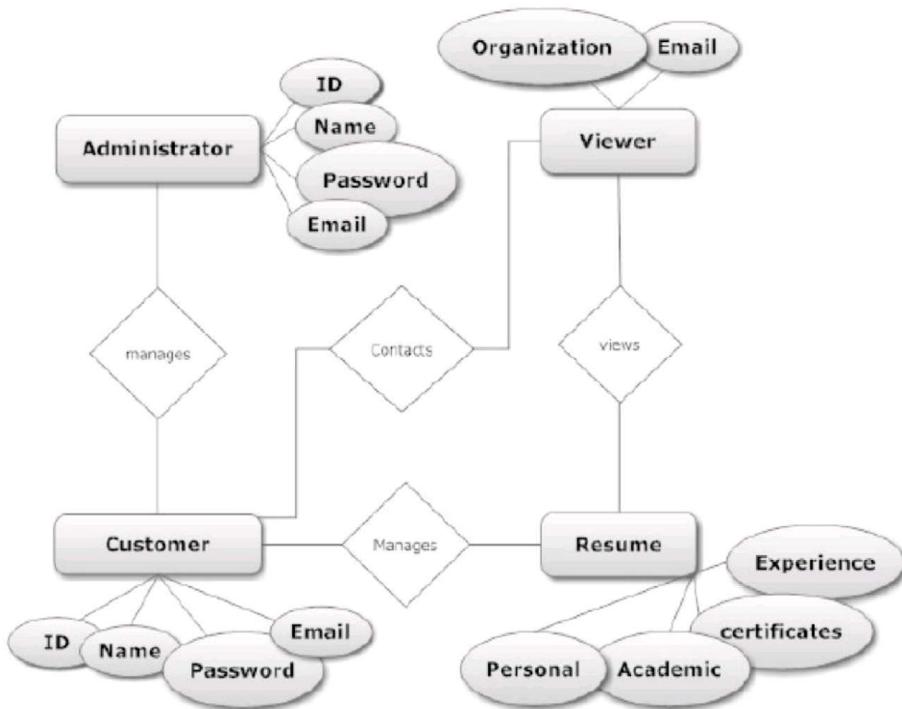
Figure: Architectural Diagram



E-R Diagram

The object/relationship pair is the cornerstone of the data model. These pairs are represented graphically using E-R diagrams. A set of primary components are identified for the ERD: data objects, attributes, relationships and various type indicators. The primary purpose of ERD is to represent data objects and their relationships.

Figure: Entity-Relationship Diagram



DFD(Data Flow Diagram)

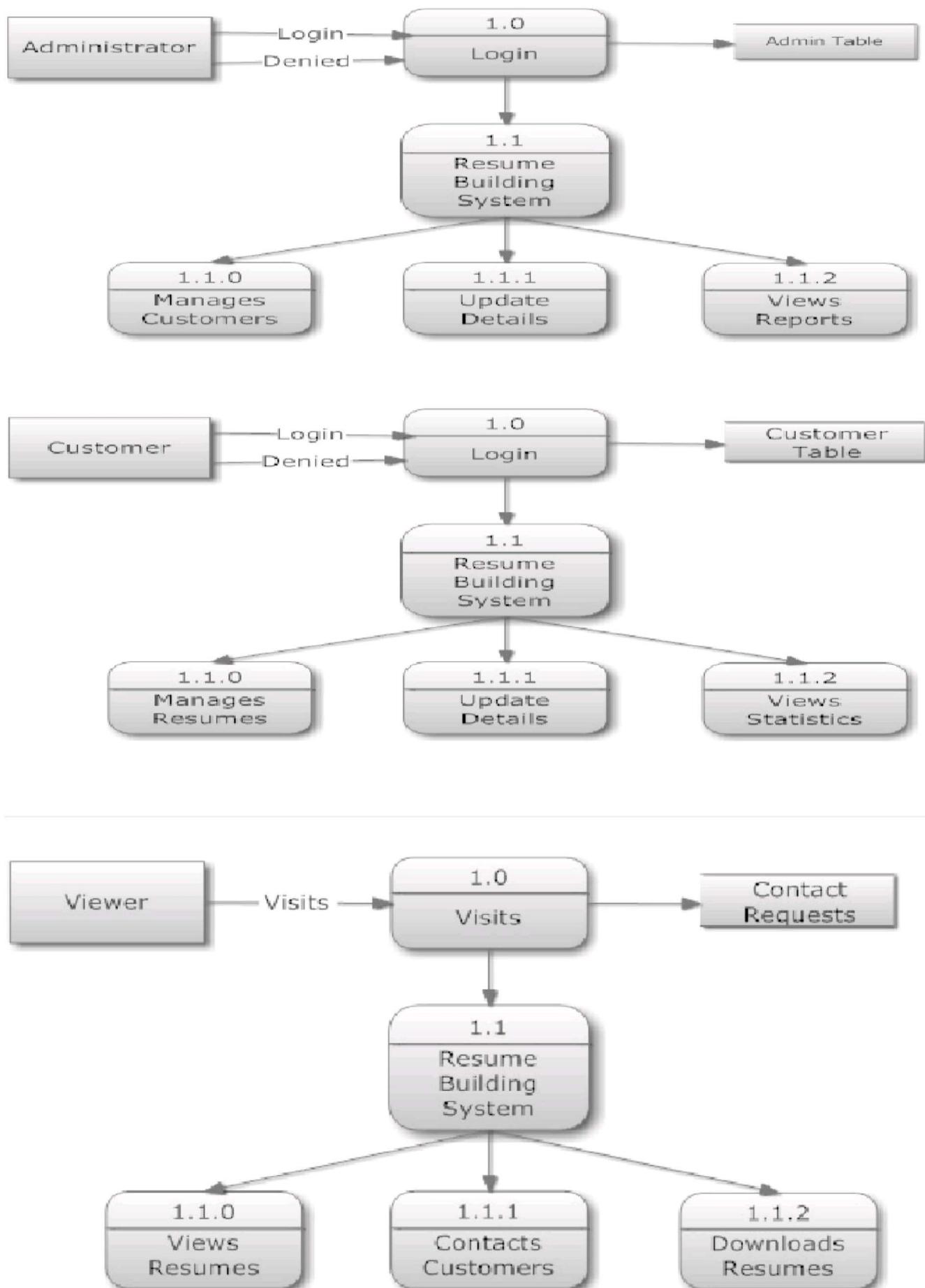
The data flow diagram enables the software engineer to develop models of the information domain and functional domain at the same time. As the DFD is refined into greater level of detail, the analyst performs an implicit functional decomposition of the system. At the same time, the DFD refinement results in corresponding refinement of data as it moves through the process that embody the application.

Figure: Context Level Data Flow Diagram



*

Figure: 1 Level Data Flow Diagram



7. IMPLEMENTATION

Implementation is the stage where the theoretical design is turned into a working system. The most crucial stage in achieving a new successful system and in giving confidence on the new system for the users that it will work efficiently and effectively.

The system can be implemented only after thorough testing is done and if it is found to work according to the specification. It involves careful planning, investigation of the current system and its constraints on implementation, design of methods to achieve the change over and an evaluation of change over methods as part of planning.

Two major tasks of preparing the implementation are education and training of the users and testing of the system. The more complex the system being implemented, the more involved will be the system analysis and design effort required just for implementation.

The implementation phase comprises of several activities. The required hardware and software acquisition is carried out. The system may require some software to be developed. For this, programs are written and tested. The user then changes over to his new fully tested system and the old system is discontinued.

TESTING

The testing phase is an important part of software development. It is the Information system will help in automated process of finding errors and missing operations and also a complete verification to determine whether the objectives are met and the user requirements are satisfied. Software testing is carried out in three steps:

1. The first includes unit testing, where each module is tested to provide its correctness, validity and also determine any missing operations and to verify whether the objectives have been met. Errors are noted down and corrected immediately.
2. Unit testing is the important and major part of the project. So errors are rectified easily in particular module and program clarity is increased. In this project entire system is divided into several modules and is developed individually. So unit testing is conducted to individual modules.
3. The second step includes Integration testing. It need not be the case, the software whose modules when run individually and showing perfect results, will also show perfect results when run as a whole.

System Design

System design is a solution, a ‘how to’ approach to the creation of a new system. It provides the understanding and procedural details necessary for implementing the system recommended in the feasibility study. Emphasis is on translating the performance requirements into design specifications. Design goes through logical and physical stages of development. Logical design reviews the present physical system;

prepared input and output specifications; details the implementation plan; and prepares a logical design walkthrough. The physical design maps out the details of the physical system, plans the system implementation, devises a test and implementation plan, and specifies any new hardware and software.

Database Tables

Users Table

Field Name	Data Type
ID	Varchar
Name	Varchar
Password	Varchar
Email	Varchar
Phone	Varchar
Address	Varchar

¶ Resume Table

Administrator Table

Field Name	Data Type
ID	Varchar
Name	VARCHAR
Password	VARCHAR
Email	VARCHAR

Contact_Request Table

Field Name	Data Type	ResumeID
VARCHAR	Email	VARCHAR
Organization		VARCHAR

8. SNAPSHOTS

1. User validation

Register

Resume ID: *

Name: *

Password: *

Confirm Password: *

Email: *

Confirm Email:

Postal Code:

Working/Seeking:

Commitment to Privacy

Resume information and job hunting activities can be extremely sensitive information. We are committed to ensuring user privacy, and offer the ability to turn on and off various aspects of our service. We exist for the benefit of job seekers everywhere.

Login

User ID:

Password:

Invalid UserID or password.

Account

Resume ID: Resume ID has already taken.

Name:

Email:

Postal Code:

Working/Seeking:

2.Home Page

The screenshot shows the 'Resume Builder' application interface. On the left, there's a sidebar with 'Template settings' containing options for contact lines, horizontal margin, line spacing, center column no., font type, title case, title style, title rule position, projects layout, and lists and points. A 'PRINT AS PDF' button is also present. The main area displays a template for 'Abc xyz' with sections for Education, Experience, Publications, and Projects. The resume includes details like education from B.Tech at NIT Warangal, experience as a Software Engineering Intern, and publications on PCES 2010. The right side of the screen shows a Windows taskbar with various icons and system status.

This screenshot shows the same 'Resume Builder' interface but with a purple sidebar on the left. The sidebar contains the same 'Template settings' options as the first screenshot. The main content area shows the same resume template for 'Abc xyz'. The resume details remain the same, including the B.Tech degree from NIT Warangal, software engineering intern experience, and publication in PCES 2010. The Windows taskbar is visible on the right.

9.CONCLUTION

The project Online Resume Builder is for computerizing the working of building resumes. The software takes care of all the requirements of the process and is capable to provide easy and effective storage of information related to customers and resumes that come up to the system. The package was designed in such a way that future modifications can be done easily. The following conclusions can be deduced from the development of the project:

- ❖ Automation of the entire system improves the efficiency
- ❖ It provides a friendly graphical user interface which proves to be better when compared to the existing system.
- ❖ It gives appropriate access to the authorized users depending on their permissions.
- ❖ It effectively overcomes the delay in communications.
- ❖ Updating of information becomes so easier
- ❖ System security, data security and reliability are the striking features.
- ❖ The System has adequate scope for modification in future if it is necessary.

10.REFERENCE

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