

**School of Computing Science and Engineering**

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| **Project Details** | | | | | | | | |
| **Project Title:** | | **Know ME- (Resume showcase website)** | | | | | | |
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***Abstract:***

 A **resume**, sometimes called as **CV** in English outside North America, is a document created and used by a person to present their background, skills, and accomplishments. Resumes can be used for a variety of reasons, but most often they are used to secure new employment.

In many contexts, a resume is typically limited to one or two pages of size A4 or letter-size, highlighting only those experiences and qualifications that the author considers most relevant to the desired position. Many resumes contain Keywords or Skill that potential employers are looking for via applicant tracking system, make heavy use of active verbs, and display content in a flattering manner. Acronyms and credentials after the applicant's name should be spelled out fully in the appropriate section of the résumé to increase the likelihood, they are found in a computerized keyword scan.

In our continuous changing and evolving world everything is digital, but why our resume showcasing is on paper?

To overcome this issue, we have intended to make a framework where every candidate who is seeking job can come and upload their resume and can showcase to employee directly.

This framework has login process for both candidates and employees. We trust this framework will be considerably more advantageous for the candidate and employer.

1. **Introduction:**

The resume showcase system is a web-based system which will use a platform for interaction between candidate and the employee. While the main objective of this project is to computerize the paperwork in the system and automate the work.

The computerization is done so that the candidate’s resume can be stored in system which makes system centralized and chance of duplication of any data is minimized.

While by doing automation to the system will help candidate and employer, Employer can see resume of candidate at any given time as per there ease.

The motivation for our project came when we saw candidates sometime forget about there resume and they could not show that to employer.

So, we developed this portal where people can come and upload their resume, and they need not worry about it afterward.

1. **Literature Survey:**

The first impression of a job applicant has traditionally been made through the resume and, despite many technological advancements since the initial resume-related publications began to appear in the research literature, the resume remains a common application component. ​

Thus, the purpose of know ME site is to make people aware of resume building and showcasing their resumes on a site from where business organizations can observe them.

1. **Objectives:**

To build a responsive website to manage resume of candidate.

To create an all-in-one website that can manage resume of candidate and help them show it to Employer.

1. **Methodology:**

**HTML**: HTML stands for Hyper Text Markup Language. HTML is the standard markup

language for creating Web pages. HTML describes the structure of a Web page. HTML

consists of a series of elements. HTML elements tell the browser how to display the

content.

**JavaScript**: JavaScript, often abbreviated as JS, is a programming language that conforms

to the ECMAScript specification. JavaScript is high-level, often just-in-time compiled,

and multi-paradigm. It has curly-bracket syntax, dynamic typing, prototype-based object orientation, and first-class functions.

**CSS**: Cascading Style Sheets is a style sheet language used for describing the presentation

of a document written in a markup language such as HTML. CSS is a cornerstone

technology of the World Wide Web, alongside HTML and JavaScript.

Django (Web Framework): Django's primary goal is to ease the creation of complex, database-driven websites. The framework emphasizes reusability and "pluggability" of components, less code, low coupling, rapid development, and the principle of yourself. Python is used throughout, even for settings, files, and data models. Django also provides an optional administrative create, read, update, delete interface that is generated dynamically through introspection and configured via admin models.

Amazon EC2: Amazon Elastic Compute Cloud (Amazon EC2) provides scalable computing capacity in the Amazon Web Services (AWS) Cloud. Using Amazon EC2 eliminates your need to invest in hardware up front, so you can develop and deploy applications faster. You can use Amazon EC2 to launch as many or as few virtual servers as you need, configure security and networking, and manage storage. Amazon EC2 enables you to scale up or down to handle changes in requirements or spikes in popularity, reducing your need to forecast traffic.

**Bootstrap**: Bootstrap is the most popular HTML, CSS, and JavaScript framework for developing a responsive and mobile friendly website. It is a front-end framework used for easier and faster web development. It includes HTML and CSS based design templates for typography, forms, buttons, tables, navigation, modals, image carousels and many others.

1. **Modules identified:**

**Account creation module: -** Creating the account and login into the portal. With the help of this portal candidate and easily create and login into the portal and upload their resume.

**Upload resume module: -** Candidate after creating the account and login into it can upload the resume and, they can view other’s resume, but they can make change to their own resume as per there need.

**Admin view module: - As the name suggest this is admin module where the admin can see everyone’s resume and can also delete anyone’s resume if he wishes to**

1. **Work progress / plan & Implementation**

The website what we have developed is for very small data and can support very few entries. Although it has functionalities such as login, logout, signup, Upload of resume, view resume and admin can see all the entries and they can delete anyone’s resume.

We have developed an HTML code which is supported by Bootstrap for framework and CSS for the style (font size, color, font style, etc...)

To support the backend, we have used Java Script.

All the coding development is done using the tool VS code and is hosted on a web browser (Chrome).

Once final set of code was generated, we have used Amazon Web Services (AWS) in which an S3 service (free tier) was used to host the website.

Here all the developed coding files were uploaded in the newly created bucket, and it was made publicly accessible worldwide.

1. **Sample Code**

**Frontend (HTML code)**

**<!doctype html>**

**<html lang="en">**

**<head>**

**<! -- Required meta tags -->**

**<meta charset="utf-8">**

**<meta name="viewport" content="width=device-width, initial-scale=1, shrink-to-fit=no">**

**<! -- Bootstrap CSS -->**

**<link rel="stylesheet" href="https://cdn.jsdelivr.net/npm/bootstrap@4.6.1/dist/css/bootstrap.min.css"**

**integrity="sha384-zCbKRCUGaJDkqS1kPbPd7TveP5iyJE0EjAuZQTgFLD2ylzuqKfdKlfG/eSrtxUkn" crossorigin="anonymous">**

**<! -- CSS -->**

**<link rel="stylesheet" href="static/css/login.css">**

**<! -- GOOGLE FONTS -->**

**<link rel="preconnect" href="https://fonts.googleapis.com">**

**<link rel="preconnect" href="https://fonts.gstatic.com" crossorigin>**

**<link href="https://fonts.googleapis.com/css2?family=Unica+One&display=swap" rel="stylesheet">**

**<title>Login</title>**

**</head>**

**<body>**

**{% for message in messages %}**

**<div class="alert alert- {{message. tags}} alert-dismissable fade show" role="alert">**

**<strong>Message:</strong> {{message}}**

**<button type="button" class="close" data-dismiss="alert" aria-label="Close">**

**<span aria-hidden="true">&times;</span>**

**</button>**

**</div>**

**{% endfor %}**

**<div class="container">**

**<div id="loginBox" class="text-center">**

**<! -- LOGIN HEADER -->**

**<div id="loginHeader">**

**<h1>LOGIN</h1>**

**<hr class="break">**

**</div>**

**<! -- LOGIN BODY -->**

**<div id="loginBody">**

**<form method="POST" action="login">**

**{% csrf\_token %}**

**<div class="form-group">**

**<label for="name">Username</label>**

**<input type="text" name="name" class="form-control col-sm-9 col-centered" id="name" Required>**

**</div>**

**<div class="form-group">**

**<label for="password">Password</label>**

**<input type="password" name="password" class="form-control col-sm-9 col-centered" id="password" Required>**

**</div>**

**<button type="submit" class="btn btn-purple">Submit</button>**

**</form>**

**</div>**

**<! -- LOGIN FOOTER -->**

**<div id="loginFooter">**

**<p>Don't have an account?**

**<a href="/signin">Sign In</a>**

**</p>**

**</div>**

**</div>**

**</div>**

**<script src="https://cdn.jsdelivr.net/npm/jquery@3.5.1/dist/jquery.slim.min.js"**

**integrity="sha384-DfXdz2htPH0lsSSs5nCTpuj/zy4C+OGpamoFVy38MVBnE+IbbVYUew+OrCXaRkfj"**

**crossorigin="anonymous"></script>**

**<script src="https://cdn.jsdelivr.net/npm/bootstrap@4.6.1/dist/js/bootstrap.bundle.min.js"**

**integrity="sha384-fQybjgWLrvvRgtW6bFlB7jaZrFsaBXjsOMm/tB9LTS58ONXgqbR9W8oWht/amnpF"**

**crossorigin="anonymous"></script>**

**</body>**

**</html>**

**Django (Backend)**

**def loginAccount(request):**

**if request.user.is\_authenticated:**

**return redirect('profile')**

**if request. method == "POST":**

**username = request.POST['name']**

**password = request.POST['password']**

**user = authenticate (request, username=username, password=password)**

**if user is not None:**

**fname = user. first\_name**

**login (request, user, fname)**

**return redirect('profile')**

**else:**

**messages. error (request,'Wrong Credentials!')**

**return redirect('login')**

**return render (request, "index.html")**

1. **Conclusions**

The main aim of making this website is to ease life of candidate and employee. Candidate can upload there resume and will also get some awareness about resume and also how to build it by seeing others resume.

1. **PROJECT URL**

http://13.235.81.7/

1. **References**

[1] <https://aws.amazon.com/getting-started/hands-on/build-react-app-amplify-graphql/module-one/>

[2] <https://react-bootstrap.netlify.app/getting-started/introduction/>

[3] <https://github.com/burningtree/awesome-json>

[4] <https://www.w3schools.com/css/>

[5] Risavy, Stephen. (2017). The Resume Research Literature: Where Have We Been and Where Should We Go Next?. Journal of Educational and Developmental Psychology. 7. 169. 10.5539/jedp.v7n1p169

[6] https://docs.djangoproject.com/en/4.0/