

AUTOMATED PORTFOLIO GENERATOR

A PROJECT REPORT

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In partial fulfillment for the award of the degree of

BACHELOR OF TECHNOLOGY
in
COMPUTER SCIENCE AND ENGINEERING



SCHOOL OF COMPUTING SCIENCE AND ENGINEERING

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APR 2021

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BONAFIDE CERTIFICATE

Certified that this project report titled “**AUTOMATED PORTFOLIO GENERATOR**” is the bonafide work of “**ABHISHEK SRIVASTAVA [19BCE10071]; V SURYA KUMAR [19BCE10286]; PRAVIR KADIAN [19BCE10006]**” who carried out the project under my supervision.

Certified further that to the best of my knowledge here does not form part of any other project/research work on the basis of which a degree or award was conferred on an earlier occasion on this or any other candidate.

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PROJECT GUIDE

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The Project Exhibition II Examinations is held on _____.

ACKNOWLEDGEMENT

First and foremost I would like to thank the Lord Almighty of His presence and immense blessings throughout the project work.

I wish to express my heartfelt gratitude to Dr. M Ashwin, Program Chair, B.Tech Computer Science and Engineering for much of his valuable support and encouragement in carrying out this work.

I would also like to thank my internal guide, Dr. Bishwajit, for continually guiding and actively participating in my project, giving valuable suggestions to complete the project work. I would like to thank all the technical and teaching staff of the School of Computer Science and Engineering, who extends directly or indirectly for all support.

Last, but not the least, I am deeply indebted to my parents who have been the greatest support while I worked day and night for the project to make it a success.

ABSTRACT

In today's world, Portfolios are a great way to demonstrate the competencies one would list on a resume or talk about in an interview — they allow one to show and not just tell. During a job search, the portfolio showcases the work to potential employers. It presents evidence of the relevant skills and abilities. When content could be similar to what's on the resume then the portfolio might take it a step further to “show and tell” the skills along with the specific example.

Keeping the above point in mind, our team has developed "Automated Portfolio Generator" which is a Web Application which allows individuals to create their own portfolio by simply filling in the basic information. It is built for the students who are moving ahead as developers.

This Application allows the user to automatically generate a portfolio digitally, just by selecting the skills and filling out the necessary information.

TABLE OF CONTENTS

INDEX	TITLE	PAGE NO.
	Acknowledgement Abstract	3 - 4
1.	INTRODUCTION 1.1 Motivation for the work 1.2 Problem Statement 1.3 Objective of the work	6
2.	LITERATURE SURVEY 2.1 Core area of the Project 2.2 Algorithm for our project 2.3 Novelty	7 - 8
3.	SYSTEM ANALYSIS 3.1 Existing Work 3.2 Limitations of existing work 3.3 Proposed Work & Methodology	9
4.	PERFORMANCE MANAGEMENT 4.1 Performance Analysis 4.2 System Architecture 4.3 Real Time Usage	10 - 11
5.	FUTURE ENHANCEMENTS AND CONCLUSION 5.1 Future Enhancements 5.2 Conclusion	12
	References	13

INTRODUCTION

Motivation of the work

The guiding ideology of our Automated Portfolio Generator is that we want more and more people to be able to create and have their own portfolio irrespective of whether they are fluent with web development skills or not. Portfolio website acts as a showcase of our previous work samples, all the projects & papers link and the site itself is an example of which tools and stacks we are skilled at. It's a **Great Tool for Personal Branding**.

We primarily depend on our resume to showcase our skills. We are only able to add links to the work we did on it. But a well-rounded programmer portfolio works as a vital asset that can make all the difference when you're competing with other hopefuls.

Problem Statement & Objective of the work

In today's world, Portfolios are an incredible method to exhibit the abilities one would list on a resume or talk about in an interview — they allow one to show and not just tell. During a pursuit of Job, the portfolio showcases the work to potential employers. It presents evidence of the relevant skills and abilities. When content could be similar to what's on the resume then the portfolio might take it a step further to “show and tell” the skills along with the specific example.

Keeping the above point in mind, our team has developed "Automated Portfolio Generator" which is a Web Application which permits people to make their own portfolio by just filling in the essential data. It is worked for the students who are pushing forward as engineers.

This Application allows the user to automatically generate a portfolio digitally, just by selecting the skills and rounding out the fundamental information.

LITERATURE REVIEW

Core Area of Project

A Portfolio is more than a “Simple Resume”, it is a Great Tool for Personal Branding. Portfolio website acts as a showcase of our previous work samples, all the projects & papers link and the site itself is an example of which tools and stacks we are skilled at.

Portfolio reflects that you are a well-rounded programmer portfolio is a vital asset that can make all the difference when you’re competing with other hopefuls.

Our project Automated Portfolio Generator is an easy to use Web Application, which allows individuals to create their own portfolio by simply filling in the basic information. Automate Portfolio Generator a service which allows you to create your portfolio in the easiest way possible.

This will save a lot of time and resources and will be extremely beneficial for the one who is applying for jobs or internships.

There are lists of advantages to have your own portfolio and we can make a great profile that stands out from the crowd, thereby also building our online presence worth it.

Algorithm

- When the user enters the website Automated Portfolio Generator they get three options of sign in , sign up or explore.
 - Registering and login into our website even with Google Authentication (for easy register).
 - Creating his profile lands the user to his dashboard. Enabling him to

save and compare even later.

- If a user chooses to explore he can see how websites work and how websites will help them.
- Once the user has signed up he sees three options : first one is to view a profile where the user can fill a form which will be used in portfolio generation, the other two options will be the two templates available in which the user can view his portfolio and the portfolio can then be downloaded.
- Then the user can exit the website by simply clicking on the sign out tab available in the top right corner.
- With our website a complex process of portfolio building can be done in a few minutes.

Novelty of our Project

The project is unique because in maximum research papers this idea is not mentioned. A portfolio can be created using technologies like wordpress but it's not efficient

But it also requires skill so a person from a non technical background cannot use it. Our project focuses makes work easy for all kinds of professionals.

SYSTEM ANALYSIS

Existing Work with Limitations

Currently, there is nothing like portfolio generators, there are only websites like wordpress. Wordpress is not reliable for generating portfolios, it's more about blogging or business websites.

Closest free tool found on the internet: <https://crevado.com>. But the website is only limited to create portfolios of graphic designers. With the only feature of uploading the images & work (graphics).

Except for this, all the remaining websites only provide templates. That is, a user has to edit all the details from the downloaded copy of a webpage and will have to upload it on his own.

Examples of websites providing only templates are: <https://startbootstrap.com>. Hence, the options available in existing websites are very limited.

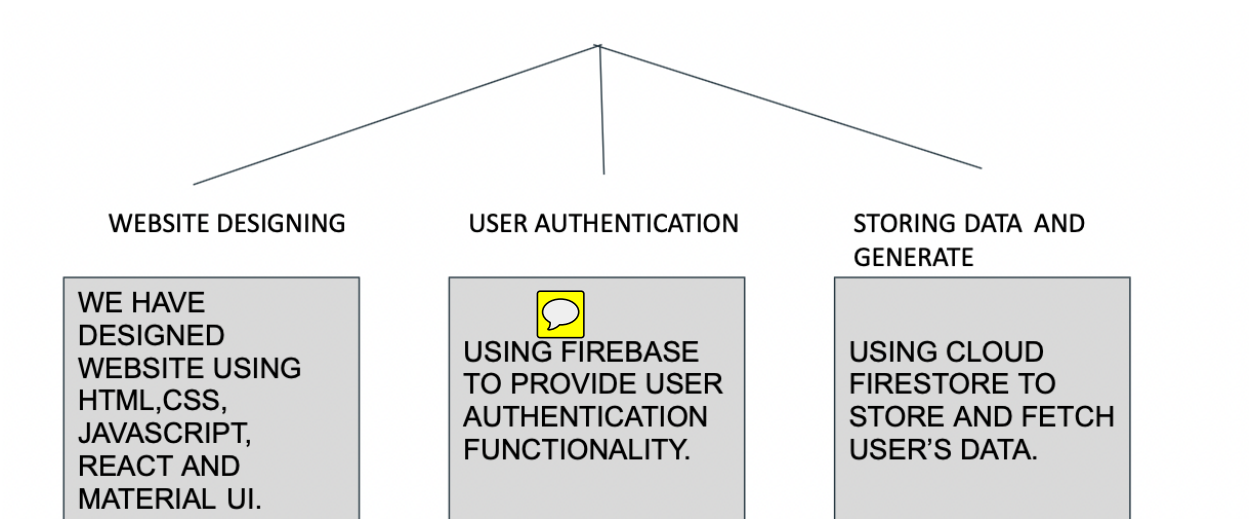
Proposed Work & Methodology

We are developing a Progressive Web Application (PWA) that allows users to get a fully functioning responsive portfolio made in them in just a few clicks. This will save a lot of time and resources and will be extremely beneficial for the one who is applying for jobs or internships.

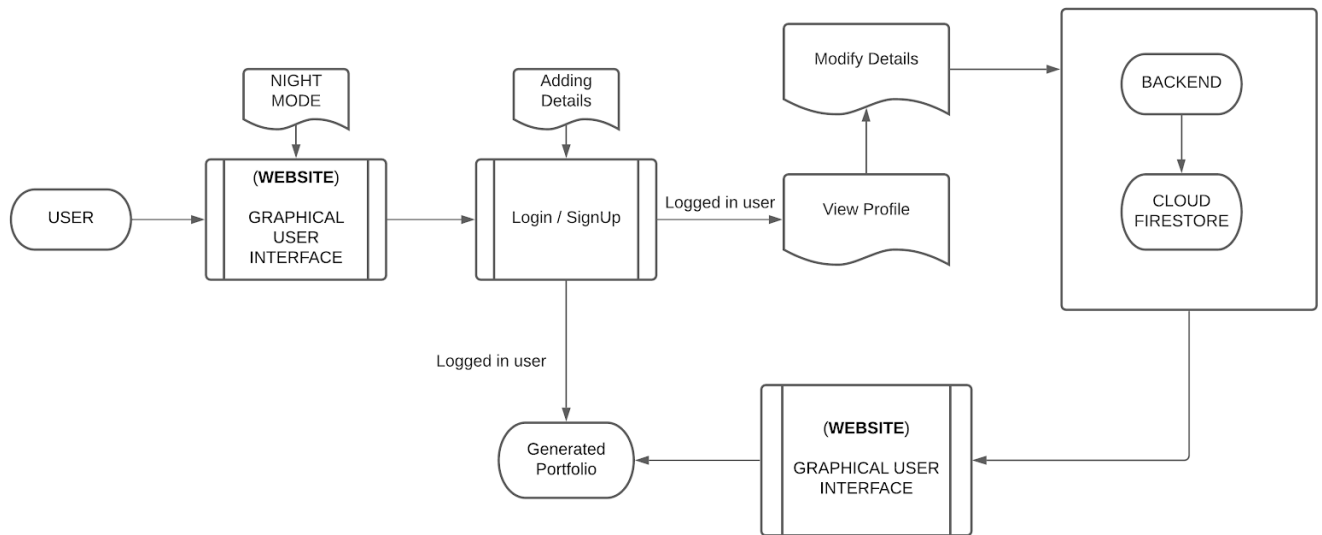
Automate Portfolio Generator a service which allows you to create your portfolio in the easiest way possible.

PERFORMANCE MANAGEMENT

Performance Analysis



System Architecture



Real Time Usage

The project is very useful in real life as these days all the job interview requests for a portfolio which shows all the work done by the candidate in an interactive manner.

So a portfolio has a lot of importance in technical fields as well as non technical fields and our project makes this process of creating a portfolio very easy.

FUTURE ENHANCEMENT AND CONCLUSION

Future Enhancements

A separate dashboard can be automatically created when a user signs up, it will show the list of all the other portfolios users have uploaded and made public and a comment box can be made where other people can comment and give suggestions.

Recruiters should be given a separate account and space to mark a particular portfolio as favorite so that he/she can refer to it based on further interest.

Conclusion

Our team has created "Automated Portfolio Generator" which is a Web Application which permits people to make their own portfolio by just filling in the essential data. It is worked for the students who are pushing forward as engineers. This Application allows the user to automatically generate a portfolio digitally, just by selecting the skills and rounding out the fundamental information.

REFERENCES

Following are the list of few references to the existing work:

- GITHUB
- WORDPRESS
- Crevado [<https://crevado.com>]
- Start Bootstrap [<https://startbootstrap.com>]