Static WebApp & E-commerce Portal
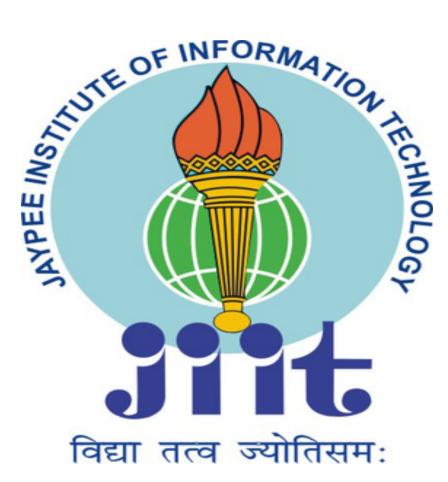
https://shop.lahoreoptical.com
https://www.lahoreoptical.com

Internship report submitted in fulfilment of the requirements for the Degree of

Bachelor of Technology

in

Computer Science and Engineering

SUBMITTED BY:
HARSH PANDEY
17103043
B10

Department of Computer Science & Information Technology
JAYPEE INSTITUTE OF INFORMATION TECHNOLOGY, NOIDA

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CERTIFICATE

Ref: LO/int/4ef24/W

Date: 15/July/2020

TO WHOM IT MAY CONCERN

This is to certify that Mr. Harsh Pandey, a student of Jaypee Institute of Information Technology, Sec-62, Noida has successfully completed 02(two) months internship from 07/May/2020 to 07/July/2020 as a WebApplication Developer intern at Lahore Optical, Lucknow. During the period of his internship he has worked on the web development stack for us. He was found punctual, hardwork and inquisitive over his tenure at our firm.

Lahore Optical, Lucknow, wishes him good luck in his future endeavours.

For,
Lahore Optical Lucknow,
Manav Kapur,
Chief Executive Officer (CEO).

This is a computer generated document, hence no signature is required.

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About The Company

Established in 1936, Lahore Optical has been a name synonymous with quality products and superior customer service in the eye care industry for the past 82 years! The legacy and the title dates back to our establishment at Station Road, Lahore (now in Pakistan). Post 1947, the enterprise relocated to Lucknow, Uttar Pradesh, India and has since catered to lakhs of happy customers.

Lahore Optical deploys state of the art equipment to check your eye's vision, and custom fit every order as per your vision's requirements. This also boils down to forging exclusive partnerships with leading global brands such as Carl Zeiss (Germany), Essilor etc. to guarantee perfect vision without compromising on quality. Some of our services offered via our exclusive showroom in the heart of Hazratganj are:

- Sunglasses across brands such as Gucci, Fastrack, Rayban etc.
- Prescription Lenses
- Spectacle Frames
- Eye Vision Exam
- Contact Lenses & Solution
- Kids Eyewear
- Night Driving Glasses
- Accessories

With the changing times, Lahore Optical has always adapted to suit the demands of the market and hence, our online shopping portal is under development as well. We have deployed a static website for the time being, which is regularly updated well. Soon, we will be live with our full-fledged shopping portal as well.

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Project Objectives

● Used a variety of programming languages in order to create user-friendly web pages

● Maintained and improved while adding additional features to the existing company website (https://www.lahoreoptical.com)

● Worked in a multidisciplinary team with other professionals such as back-end and mobile developers.

● Built high-quality mockups and design different prototypes

● Provided high-quality graphics and visual elements

● Optimized website for maximum speed

● Designed mobile-based features

● Always stayed consistent with our brand guidelines

● Got feedback from users and customers

● Made suggestions for better solutions to problems

● Kept abreast of latest and emerging technologies

● Attended training and educations

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Project Description

The work was divided over two projects https://shop.lahoreoptical.com and the currently hosted https://www.lahoreoptical.com. The shopping portal is now in the final stages of its development by the backend team. My internship started on 7, May, 2020 and first I was told how the owner of the company i.e. Mr. Manav Kapur wanted the whole project to go on. The very first task was to add some additional features to the existing website. He gave me an impression of the features that he wanted to be added and also about the ecommerce portal website that he wants. I was handling the frontend of the website and the backend work was handled by any other person. On the existing website I added teh instagram, fb and location API and then I started by using HTML and then CSS and Bootstrap for the website. I learnt HTML, CSS and Bootstrap from w3schools and geeksforgeeks. Whatsapp message, calling and mail features were also included in the site. And with simultaneous changes, both the websites have been completed before the deadline and the shopping portal as i hear from my other teammates.

Contribution

I managed the front end part of both the websites (https://www.lahoreoptical.com/ and http://shop.lahoreoptical.co.in/). I managed the queries and feedback of other people of how frontend can be improved more for this website. The source code of the website is also present on my github profile (https://www.github.com/harshpandeyjiit).

Skills/Technologies Developed

Web languages like HTML, CSS and Bootstrap and hosting a website

Conclusion

In this internship, I learnt website development by working on two different websites. It started by making its structure first and ended by taking suggestions and feedback from other people on how to improve it. CSS and Bootstrap are the core languages of making the frontend of a website, to make it more device friendly as well.

References

● GeeksforGeeks | A computer science portal for geeks
● W3Schools Online Web Tutorials
● TutorialsPoint | Simple Easy Learning

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