

A PROJECT REPORT ON
SUMMER INTERNSHIP IN
WEB DEVELOPMENT

Completed at
Pixelcraft Web Solutions
15 June 2026 to 10 July 2026 (4 Weeks)

Submitted in partial fulfilment of the requirements for the degree of
Bachelor of Computer Applications (BCA)

Submitted By	Rahul Verma
Course / Semester	BCA, Semester VI
Enrolment No.	BCA/21/0457
College	Shri Vidya Mandir College, Indore
Academic Year	2025 - 2026

CERTIFICATE

This is to certify that Mr. Rahul Verma, a student of BCA Semester VI at Shri Vidya Mandir College, Indore (Enrolment No. BCA/21/0457), has successfully completed a four-week summer internship in Web Development at Pixelcraft Web Solutions, Indore, from 15 June 2026 to 10 July 2026.

During this period he worked on the company's training projects, attended the daily team meetings and submitted his work on time. His conduct and punctuality were good, and he showed real interest in learning.

We wish him all the best for his future.

Internship Guide	Head of Department
Name: _____ Pixelcraft Web Solutions Sign & Stamp:	Name: _____ Shri Vidya Mandir College Sign & Stamp:

DECLARATION

I, Rahul Verma, student of BCA Semester VI, Shri Vidya Mandir College, Indore, hereby declare that this internship report is the result of my own work done during my internship at Pixelcraft Web Solutions from 15 June 2026 to 10 July 2026. Whatever I have taken from books, websites or other sources is mentioned in the references. This report has not been submitted to any other university or institute for any degree or diploma.

Rahul Verma

Date: 10 July 2026

Place: Indore

ACKNOWLEDGEMENT

I would like to thank everyone who helped me during this internship. First of all, thanks to the team at Pixelcraft Web Solutions for giving me the chance to work with them and for being so patient with a beginner like me. My mentor explained things again and again whenever I got stuck, and I really learned a lot from the code reviews.

I am also thankful to the faculty of Shri Vidya Mandir College, especially my HOD and the internship coordinator, for guiding me and approving this internship. Last but not least, I thank my parents and friends for their support.

Rahul Verma

TABLE OF CONTENTS

No.	Chapter	Topic
1	Introduction	About the internship and why I did it
2	Company Profile	Pixelcraft Web Solutions
3	Objectives	What I wanted from this internship
4	Technologies Learned	HTML, CSS, JavaScript, Git and more
5	Weekly Work Summary	Week 1 to Week 4
6	Project Description	Portfolio and Product Page website
7	Skills Gained	Technical and soft skills
8	Conclusion	Final thoughts
9	References	Sources used
	Annexure	Proof of internship

1 INTRODUCTION

Today almost every business, big or small, wants a website. Because of this, web development has become one of the most useful skills for a computer student. In my BCA course I studied programming languages like C and Java and also subjects like DBMS, but I did not get much chance to build a real website that people can actually open and use. So I decided to do a summer internship in web development after my fifth semester exams.

I joined Pixelcraft Web Solutions in Indore on 15 June 2026 and the internship went on for four weeks, till 10 July 2026. It was a mix of learning and practical work. In the first week we mostly revised the basics, and after that I started working on small tasks and then a complete project. This report explains what I did, what I learned, and how the internship helped me.

Why I chose web development

There are two reasons. First, it is easy to see the result of your work, because you write code and immediately see the page in the browser. Second, there are a lot of job openings for front-end developers, even for freshers. I also wanted to know how things work behind websites I use daily like online shopping sites.

2 COMPANY PROFILE

Pixelcraft Web Solutions is a small web design and development company based in Indore, Madhya Pradesh. It was started a few years ago and has a team of around fifteen people including designers, developers and a testing person. The company makes websites for local shops, schools, restaurants and small startups, and also does some work for clients outside the city.

Detail	Information
Company Name	Pixelcraft Web Solutions
Location	Indore, Madhya Pradesh
Field	Web design, web development, basic SEO
Team Size	About 15 members
Services	Business websites, landing pages, e-commerce stores, website maintenance
Work Timing	10:00 AM to 6:00 PM, Monday to Saturday

The office environment was friendly. Everyone worked on their own tasks but people were ready to help. We had a short meeting every morning where each person said what they will do that day, and I also had to say my plan, which helped me stay organised.

3 OBJECTIVES OF THE INTERNSHIP

Before joining, I set some goals for myself. These were:

- To learn how a website is built from start to end, from design to going live.
- To get hands-on practice in HTML, CSS and JavaScript instead of only reading theory.

- To understand how developers work in a team, including using Git and taking feedback.
- To build at least one complete project that I can show in my portfolio.
- To improve my confidence and communication in a professional setting.
- To connect what I studied in college with real industry work.

4 TECHNOLOGIES LEARNED

During the four weeks I worked with the following tools and technologies. Some of them I already knew a little, but I understood them much better after using them on real tasks.

Technology	What I learned / used it for
HTML5	Page structure, semantic tags, forms, tables, links and images
CSS3	Styling, Flexbox, Grid, media queries for mobile screens, simple animations
JavaScript	Variables, functions, DOM manipulation, events, form validation, fetch basics
Bootstrap 5	Ready-made grid, navbar, cards and buttons for faster layouts
Git and GitHub	Making commits, branches, pushing code and pull requests
VS Code	Editor with extensions such as Live Server and Prettier
Chrome DevTools	Inspecting elements, debugging CSS and checking mobile view
Figma (basic)	Reading a design file and taking colours, sizes and spacing from it

A little about each

HTML was the easiest to start with, but writing proper semantic code (header, nav, section, footer) instead of putting everything in div tags was new for me. In CSS the hardest part was Flexbox and Grid in the beginning, but after practising on small layouts it became clear. JavaScript was the most challenging, especially understanding how the DOM works, but it was also the most interesting because the page started responding to clicks.

5 WEEKLY WORK SUMMARY

Week 1 (15 June - 20 June): Orientation and basics

The first day I was introduced to the team and the projects. My mentor gave me a short test to check what I know. After that I revised HTML and CSS, and made a simple personal introduction page. I also set up VS Code, Git and my GitHub account. By Saturday I had made a small responsive page using Flexbox.

Week 2 (22 June - 27 June): CSS and JavaScript

This week was about making pages look good on mobile as well as on desktop. I learned media queries and Bootstrap. Then I started JavaScript: I made a basic calculator and a to-do list which stores tasks in the browser. I got many errors but my mentor showed me how to read the console and fix them.

Week 3 (29 June - 4 July): Starting the project

From this week I started the main project, a portfolio and product page website. I first planned the pages on paper, then built the home page, about page and the products section. A designer gave me a Figma file and I tried to match it exactly. I also pushed my code to GitHub daily and got review comments.

Week 4 (6 July - 10 July): Finishing and testing

In the last week I added form validation on the contact page, an image slider and a simple search filter for products. I tested the site on different browsers and mobile sizes and fixed spacing problems. On the last day I presented the project to the team and got feedback. I also submitted this report's details to my mentor for signature.

Week	Dates	Main Work	Outcome
1	15-20 Jun	Orientation, HTML/CSS revision, Git setup	Intro page
2	22-27 Jun	Bootstrap, media queries, JavaScript basics	Calculator, to-do app
3	29 Jun-4 Jul	Project planning, Figma, main pages	Home, About, Products
4	6-10 Jul	Validation, slider, testing, presentation	Final website

6 PROJECT DESCRIPTION

The main project I made in this internship is a responsive portfolio and product showcase website for a fictional small business. The idea was to practise everything I had learned in one place: layout, styling, JavaScript features and Git.

Project Title	Portfolio and Product Page Website
Tools Used	HTML5, CSS3, JavaScript, Bootstrap 5, Git, VS Code
Pages	Home, About, Products, Contact
Duration	Weeks 3 and 4 (about 10 working days)

Features of the website

- Responsive layout that works on mobile, tablet and desktop.
- Sticky navigation bar with a menu button on small screens.

- Image slider on the home page.
- Products page with cards and a search box that filters items as you type.
- Contact form with validation for name, email and phone number.
- Clean colour theme and consistent fonts as per the Figma design.

Problems I faced

The slider did not work properly on mobile at first because of fixed widths, and I solved it by using percentage widths and media queries. The form validation also had a bug where an empty space was treated as a valid name. After my mentor's suggestion I used `trim()` and regular expressions to fix it. These small problems taught me more than reading the theory.

7 SKILLS GAINED

Technical skills

- Building responsive web pages with HTML, CSS and Bootstrap.
- Adding interactivity with JavaScript and DOM events.
- Debugging with browser developer tools.
- Using Git and GitHub for version control.
- Converting a Figma design into working code.

Soft skills

- Time management: working to daily and weekly targets.
- Communication: explaining my work in the morning meeting and final presentation.
- Accepting feedback and improving my code from it.
- Team work and asking for help at the right time.

8 CONCLUSION

This four-week internship at Pixelcraft Web Solutions was a very good experience for me. I came in knowing only the basics, and now I am able to make a complete responsive website on my own. More important, I understood how work is actually done in a company: planning, daily updates, code reviews and meeting deadlines.

I also realised that there is a lot more to learn, like React, backend development and databases with web apps. I plan to learn these in my remaining time and keep adding projects to my GitHub. I am thankful to my college and the company for this opportunity, and I feel it will help me in my career.

9 REFERENCES

- MDN Web Docs - developer.mozilla.org
- W3Schools HTML, CSS and JavaScript tutorials - w3schools.com
- Bootstrap 5 Documentation - getbootstrap.com
- Git Documentation - git-scm.com
- GitHub Docs - docs.github.com
- Class notes and textbooks of BCA, Shri Vidya Mandir College

ANNEXURE: PROOF OF INTERNSHIP

Paste the internship letter / certificate scan or screenshots of the project here.

[Proof / Photo / Screenshot Placeholder]