

**SHRI VAISHNAV VIDYAPEETH VISHWAVIDYALAYA,
INDORE**



**INTERNSHIP REPORT
2022-23**

*A report submitted in partial fulfillment of the requirements
for the Award of Degree of*

BACHELOR OF TECHNOLOGY

In

Information Technology

by

Mr. Prashant Vishvkarma [19100BTIT06591]

Under the Supervision of

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(Duration: 12th January 2023 to 27th April 2023)

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**SHRI VAISHNAV VIDYAPEETH VISHWAVIDYALAYA,
INDORE**

SHRI VAISHNAV INSTITUTE OF INFORMATION TECHNOLOGY



2022-23

DECLARATION

I hereby declare that work, which is being presented in the Internship Report as the partial fulfillment for the award of degree of **Bachelor of Technology in Information Technology** in the **Department of Information Technology** at **Shri Vaishnav Institute of Information Technology** of Shri Vaishnav Vidyapeeth Vishwavidyalaya Indore, is an authentic record of my work carried out under the Mentorship of **Prof. Priyanka Gupta, Assistant Professor Department of Information Technology**. The matter embodied in this internship report has not been submitted for the award of any other degree.

Mr. Prashant Vishvkarma,
19100BTIT06591

Student Signature

Date: / /

**SHRI VAISHNAV VIDYAPEETH VISHWAVIDYALAYA,
INDORE**

SHRI VAISHNAV INSTITUTE OF INFORMATION TECHNOLOGY



2022-23

INTERNSHIP APPROVAL SHEET

This is to certify that **Mr. Prashant Vishvkarma** enrollment number 19100BTIT06591 has successfully completed his industrial internship starting from 12th January to 27th April 2023 and has submitted the final report. His work has been found satisfactory and it is recommended to accept it as a partial fulfillment for the award of degree of **Bachelor of Technology, Information Technology** of the **Department of Information Technology** at **Shri Vaishnav Institute of Information Technology** of **Shri Vaishnav Vidyapeeth Vishwavidyalaya, Indore.**

Internal Examiner


Date: / /

External Examiner

Date: / /

INTERNSHIP CERTIFICATE

Date:- 27 April, 2022



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Date : 27/04/2023

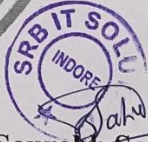
CERTIFICATE

TO WHOMSOEVER IT MAY CONCERN

This is certify that, **Mr. Prashant Vishvkarma** is the part of **SRB IT SOLUTION** under a **PHP Team**. He is working as a Full Stack Developer from 12/01/2023. During his training period, we found him sincere, honest, hardworking and dedicated with a professional attitude and very good technical knowledge. He is amiable in nature and character as well.

We can develop anything

We wish him success in sustaining and achieving higher levels of excellence.



Saurabh Sahu
(DIRECTOR)

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**SHRI VAISHNAV VIDYAPEETH VISHWAVIDYALAYA,
INDORE**

**SHRI VAISHNAV INSTITUTE OF INFORMATION TECHNOLOGY
DEPARTMENT OF INFORMATION TECHNOLOGY**

CERTIFICATE

This is to certify that **Mr. Prashant Vishvkarma (19100BTIT06591)** has successfully completed his industrial internship, starting from 12th January to 27th April 2023 and has submitted the final report. He has successfully completed this Internship under the Mentorship of **Prof. Priyanka Gupta, Assistant Professor Department of Information Technology** as a partial fulfillment of the degree of **Bachelor of Technology in Information Technology** of the **Department of Information Technology** at **Shri Vaishnav Institute of Information Technology of Shri Vaishnav Vidyapeeth Vishwavidyalaya, Indore** during the semester **Jan – June 2023**.

Internal Mentor

Prof. Priyanka Gupta

HoD

Dr. Jigyasu Dubey

Director

Dr. Anand Rajavat

**SHRI VAISHNAV VIDYAPEETH VISHWAVIDYALAYA,
INDORE
SHRI VAISHNAV INSTITUTE OF INFORMATION TECHNOLOGY
DEPARTMENT OF INFORMATION TECHNOLOGY**

ACKNOWLEDGEMENT

First, I would like to thank **Dr. Upinder Dhar**, Hon'ble Vice Chancellor of the University for giving me an opportunity to do the internship with the external organization.

Secondly, I would like to extend my sincere gratitude towards the Director **Mr. Saurabh Sahu** of **SRB IT SOLUTION** for giving me an opportunity at their esteemed organization.

I also would like to thank all the people that worked along with me at **SRB IT SOLUTION**. With their patience and openness, they created an enjoyable working environment. It is indeed with a great sense of pleasure and immense sense of gratitude, that I acknowledge the help of these individuals

I am highly indebted to Director **Dr. Anand Rajavat** and HoD **Dr. Jigyasu Dubey**, for the facilities and continuous support provided by them to accomplish this internship. I would also like to thank my faculty mentors **Prof. Priyanka Gupta & Mr. Saurabh Sahu** for their constructive criticism throughout my internship. I would like to thank them for their support and advice to complete internship in above said organization. I am extremely great full to my department's staff members and friends who helped me in successful completion of this internship.

Name : Prashant Vishvkarma

Enroll. : 19100BTIT06591

Branch : Information Technology

EXECUTIVE SUMMARY

This report is a thorough essence of my study which I conducted as an intern in a period of three and half months in SRB IT SOLUTION. It becomes necessary for a student to be well versed with both theoretical knowledge and its practical application in real situation. The internship training is an eye opener regarding the actual functioning of different departments in an organization. I studied the theoretical aspects of software development in college. However, here at internship I could learn the application of that aspects. During Internship, I performed various duties like project implementation, day to day office work, communication & documentation. The internship helped me to acquire knowledge in depth on technical skills, communication, time management, team work and various organizational skills. It was a great experience for me to have a feel of the practical world and keeping in view the knowledge I acquired from college studies, this seems to be a great learning.

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CHAPTER 1

A BRIEF INTRODUCTION OF THE ORGANIZATION'S BUSINESS SECTOR

Srb IT Solution is a top-tier software development and IT consulting company located in Indore, Madhya Pradesh. We provide comprehensive IT solutions to businesses worldwide, utilizing a wide range of technologies, including Microsoft and open-source platforms. Our services cover everything from web and mobile app development to standard software and solutions.

Our team of experts has over 8 years of experience in software development, making us a reliable partner for any business looking to enhance its online presence. We specialize in web development, mobile app development, UI/UX design, and front-end development. We use cutting-edge technologies, including React, Angular, Vue, Swift, Java, and Kotlin, to develop highly intuitive and engaging applications that work seamlessly on any device.

Our mission is to help businesses achieve their goals by providing high-quality IT solutions that meet their unique needs. With our experience and expertise in the field, we are confident in our ability to deliver effective solutions that help our clients succeed in the digital marketplace.

CHAPTER 2

OVERVIEW OF THE ORGANIZATION

2.1 BRIEF HISTORY:

Srb It Solution is founded in 2016, by Mr. Saurabh Sahu (Founder/CEO) and Srb It Solution is a World-Class Software Development and IT Consulting Company based in INDORE (MP), delivering business solutions globally using full stack Microsoft and open-source technologies.



Figure 2.1: Srb It Solution logo

We provide IT solutions such as Web & App development and Standard software. Our expertise includes Web Development, Mobile App Development, UI/UX Design & Front-End Development. With over 8 years of experience, we use front-end development skills in HTML, CSS, JavaScript, and popular frameworks like Bootstrap to build fast, responsive, and visually appealing applications.

Overall, your company's expertise in IT solutions is highly valuable in today's digital age. By providing a range of services that include web development, mobile app development, UI/UX design, and front-end development, you can help businesses build a strong online presence and stay ahead of the competition. With over 7 years of experience in software development, your company is well-positioned to help clients achieve their goals and succeed in the digital marketplace.

2.2 BUSINESS SIZE:

Srb It Solution strives to help you assist in boosting the online visibility of your professional brand. Our team has developed a reliable process feedback system that renders full control to the batches at code level on several products as well as materials. Being a highly distinguished IT Service Provider in India, we offer fully integrated digital business products using our knowledge, vast experience, innovation, and the most suitable strategies. Our professional squad is hardworking and strives to deliver services including web apps, mobile apps, advertising, marketing, and social promotion too. We work for a global client base and some exciting global brands.

- Srb It Solution belongs to private sector.
- Total Employees –15
- Clients – More than 70
- Srb It Solution estimated annual revenue is currently 2M / Year.
- Srb It Solution Total Funding is 0.1M.
- Company grew their employment count by 7% last Year.
- Company currently has 05 job Application opening.

2.3 PRODUCT LINES:

We provide a complete IT solution. Start from Web & App development, Standard software & solutions. We are expert in Web Development, Mobile App Development, UI/UX Design & Front End Development.

2.3.1 SERVICES:

- Web Development
- App Development

- SEO
- Digital Marketing

2.4 COMPETITORS:

Each and every company in Information Technology industry is a competitor to each other. But Workholics infoCorp and ANT clouds pvt. Ltd company at present is the main competitor of Srb It Solution as of ware made by both companies are on similar concept.

2.5 BRIEF SUMMARY OF ALL THE DEPARTMENTS:

2.5.1 WEB DEVELOPMENT:

We are a development led company. Our 15 full time developer working on cutting edge designs that empower you to development, develop and deploy your business applications across all major platforms to increase productivity.

Website development involves creating and maintaining websites using programming languages and CMS. CMS enables managing and publishing digital content. CRM manages customer interactions, sales leads, and marketing campaigns. E-commerce facilitates online buying and selling of goods/services. Admin Panel is a web-based interface to manage and control aspects of a website or application. Product-based startups create and sell physical or digital products. ERP solutions integrate business processes such as accounting, inventory, production, and HR into a single system, improving efficiency and decision-making.

2.5.2 APP DEVELOPMENT:

App Development creates software for mobiles, computers, or web browsers. iOS &

Android target specific systems, while WebApps run on browsers. PhoneGap Cordova Development creates mobile apps for multiple platforms. Developers use languages like Swift, Java, HTML, CSS, & frameworks like PhoneGap or Cordova. This helps meet user & business needs.

2.5.3 SEO:

On-Page SEO is the practice of optimizing web pages to rank higher in search engine results. Keyword listing involves researching relevant keywords and phrases to use in optimization. Google Search Engine is the most popular search engine used by millions of people worldwide. SEO-friendly URL and content structure can improve website rankings on Google Search Listing. Digital marketing is the practice of promoting businesses through various online channels, including social media, email, and search engines. These strategies help businesses reach their target audiences, increase brand awareness, and drive more traffic to their websites.

2.5.4 DIGITAL MARKETING:

Google AdWords is an advertising platform that allows businesses to create and display ads on Google's search engine results pages and other websites in the Google Display Network. Google Analytics is a web analytics service that tracks website traffic and provides insights into user behavior. Google AdSense is a program that allows website owners to monetize their websites by displaying ads from Google's network of advertisers. Social marketing uses social media platforms to promote businesses and engage with customers. Site customization and admin management involve designing and maintaining websites, managing content, and overseeing operations.

CHAPTER 3

PLAN OF INTERNSHIP PROGRAM

3.1 BRIEF INTRODUCTION OF THE BRANCH AND DEPARTMENT:

A PHP full stack intern is an individual who is undergoing an internship program that covers various aspects of full stack web development using PHP programming language. The intern is typically exposed to a range of technologies and tools that are required to develop web applications, including front-end development using HTML, CSS, and JavaScript, as well as back-end development using PHP, databases, and server-side technologies. The intern may also be trained in using PHP frameworks such as Laravel, and may work on projects involving e-commerce, content management systems, and other web applications. The aim of the internship is to equip the intern with practical skills and experience that can be applied in the real-world work environment.

3.2 STARTING AND ENDING DATE OF THE INTERN

Starting Date of Internship: 12 January, 2023

Ending Date of Internship: 27 April, 2023.

3.3 Names Of Department In Which You Obtained Training:

3.3.1 FULL STACK DEVELOPMENT DEPARTMENT:

A PHP full stack intern receives training in Full Stack Development Department, covering front-end and back-end technologies, web development frameworks, latest tools and technologies, teamwork, and project management methodologies.

CHAPTER 4

TRAINING PROGRAM

4.1 DUTIES AND RESPONSIBILITIES PERFORMED:

While working as an intern in an organization, intern works with a team so there are various duties and responsibilities:-

4.1.1 TAKING PART IN MEETINGS OR DISCUSSION:

As an intern while working meetings and discussions were very important for me. By meeting and discussions, I used to get various ideas like how company approaches a project, how company works on the project.

4.1.2 MAKING PRESENTATIONS:

Making presentation is one of the important task. Presentations are used at various times such as for providing information about company, for providing information about the software to the clients.

4.1.3 BRUSHING UP MY SKILLS:

As an intern it is my duty as well as responsibility to brush up my skills while working. While working in a team I must possess good communication skills to take part in meetings.

4.1.4 REPORTING TASK COMPLETION:

As an intern, task were allotted to me by my mentor and time was also allotted to complete the task.

4.1.5 FRONT END DESIGNING:

As an intern, I was involved in desktop based Interface, so some front end designing part was also allotted to me. The desktop based Interface I was part of was based on PHP so its front was designed with HTML/CSS, JavaScript and manage database MySQL.

4.1.6 BACK END (CODING/PROGRAMMING):

The whole desktop based application was explained to me/team by our mentor, so task of back – end was also assigned. After the front end was designed the way we need to approach the back end was easy to understand.

4.1.7 WEBSITE TESTING:

Testing is very crucial part to check the effectiveness of the application, so testing was part of my duty. I was given various modules when they are completed for checking then I used to test that module find bugs and errors.

4.1.8 CLIENT INTERACTION:

Interacting with clients whenever required to resolve their problems related to the products or any other issue. Also while software is in progress need to interact with client and get their suggestions and any modification, if they want.

4.2 PROJECT DESCRIPTION:

The project named Sai Coaching Class is a modular website project for coaching classes. It includes modules such as student enrollment, attendance tracking, syllabus management, test creation, library management, and results management. Our team of six members was assigned this project, and I was responsible for the test creation module. This module involved creating tests for subjects, adding new and previous questions, and performing edit and delete operations. I worked on both side the front-end and back-end side of this module.

To develop the project, I used HTML, CSS, and JavaScript for the front-end, while for the back-end, I used PHP and MySQL. I faced several challenges while working on the project, such as managing the database queries, creating dynamic pages for the test creation module, and implementing the CRUD (Create, Read, Update, Delete) operations.

Overall, working on the "Sai Coaching Class" project as a full-stack PHP developer was a valuable experience for me. It provided me with an opportunity to work with a team of developers, learn about modular-based development, and improve my skills in both front-end and back-end development using various technologies.

CHAPTER 5

LEARNING EXPERIENCE

5.1 KNOWLEDGE ACQUIRED:

As a PHP Full Stack Development Intern, I acquired a broad range of knowledge and skills related to web development. Firstly, I learned about the fundamentals of web development, including HTML, CSS, and JavaScript, which are the building blocks of any website. I also gained an understanding of back-end development technologies, such as PHP and MySQL, which are used to create dynamic and responsive web applications.

During my internship, I worked on a project called Sai Coaching Class, where I developed various modules, including Test Creation, Enroll Students, Student Attendance, Syllabus, Library Management, and Results Management. In this project, I learned how to use PHP to create server-side applications and how to integrate the front-end with the back-end using JavaScript and AJAX.

Moreover, I learned about popular PHP framework Laravel and how they can help streamline the development process. I also acquired knowledge on version control systems like Git, which allows developers to collaborate effectively and maintain the codebase.

In addition, I developed my skills in database management, including database design, data manipulation, and data retrieval using SQL. Finally, I learned about web security principles and best practices to ensure the security of web applications.

Overall, my PHP Full Stack Development Internship provided me with a strong foundation in web development, and I feel confident in my ability to create responsive, dynamic, and secure web applications.

5.2 SKILLS LEARNED:

Internship jobs are intended to provide a learning experience, and while experiences and skills may vary by industry, during my internship I acquired many skills and job-specific abilities. Some of those skills are listed below:

5.2.1 TASK MANAGEMENT:

During this internship job, I learned how to prioritize my tasks and take control of my career goals. I learned to check in with my mentor daily and discuss the goals I achieved or would achieve the following day so that he was aware of the situation. I learned how to manage my tasks as I was still new to the game.

5.2.2 PROGRAMMING EDUCATION:

The world is becoming increasingly dependent on technology, and therefore, this internship job was an excellent opportunity to improve my software skills. It made me look more credible to future employers since I have more to offer now.

5.2.3 COLLABORATION:

I encountered a whole range of characters in my internship position, from loud speakers to Type-A personalities. I learned to work with different types of people and adjust my work style when necessary. I tried to collaborate with different employees, both inside and outside of my specialization. This helped me understand how people work, what is most important to them, and how their knowledge can help me become more well-rounded.

5.2.4 CRITICAL THINKING:

The internship position helped me become a critical thinker. Critical thinking refers to the ability to analyze and evaluate a situation or problem and form a judgment. The habit of thinking critically can be exhibited by an eagerness to ask questions to understand an issue from every possible angle and to present creative solutions to challenges.

5.2.5 WORKING WITH A LARGE CODEBASE:

Back in school, we used to work on projects that had 15-20 files or so. Completed in less than a week, the whole project could be understood in a few hours. Now the project I'm working on has many files spread across many folders. It can take weeks to understand the whole project and hours to troubleshoot a bug that is spread across various files. And the first time you look at the whole project directory, you don't know where to start understanding the code.

5.2.6 WRITING EFFECTIVE CODE:

Knowing that the code I am writing will be read, understood, and improved/changed by someone else (or even myself) in the future made me realize that in school, all I focused on was getting the expected functionality completed and never thought about whether the code I wrote was effective.

5.2.7 LEARNING NEW TECHNOLOGIES:

During the internship, my work was not just limited to Flutter, which is my preferred technology to work in. I also worked in technologies like Android and Dart, which were completely new to me. So, through the internship position, I learned to step out of my comfort zone and work with different technologies.

5.3 OBSERVED ATTITUDES AND VALUES GAINED:

An internship is a great platform to help us learn the manners and values of an organization. Specifically, there are a few values that I have gained from this internship:

5.3.1 RESPONSIBILITY:

My internship experience has made me more responsible and accountable for the decisions I make and how I execute tasks that are assigned to me.

5.3.2 DECISION-MAKING POWER:

During my internship, I was responsible for various areas of the business for which I worked. While I had guidance and mentors, I also had to make decisions on my own.

5.3.3 TAKING CRITICISM:

It can be difficult to be told that you need to improve upon something or that you completed a task incorrectly. As an intern, I learned how to handle criticism with grace, which also built my confidence in a professional setting.

5.3.4 WORKING HARD NO MATTER WHAT YOU'RE DOING:

I have learned that we should always work hard, even if our tasks seem small and unimportant. It helps us build good work ethics, and people will notice the effort we put in.

5.3.5 TIME MANAGEMENT:

In college, we could just miss a class because of any reason. However, during an internship, which is almost the beginning of our work life, we have to learn time management.

5.3.6 WORK ETHICS:

You won't truly learn about work ethics until you are in a tangible work environment. In college education, we are used to making excuses for late submissions, short attendance, and other things. But it is only when we are introduced to the actual work environment that we learn work ethics.

5.4 THE MOST CHALLENGING TASK PERFORMED:

During my full stack development internship, we were working on a web-based application recommended by the client. We followed the Software Development Life Cycle (SDLC), which is a process followed for a software project within a software organization. It consists of a detailed plan that describes how to develop, maintain, replace, and alter or enhance specific software.

5.4.1 ACCORDING TO THE SDLC, IT CONTAINS SIX MAJOR STEPS:

- Stage-1: Planning and Requirement Analysis
- Stage-2: Defining Requirements
- Stage-3: Designing Architecture
- Stage-4: Developing Product
- Stage-5: Product Testing and Integration
- Stage-6: Deployment and Maintenance of Product

5.4.2 CHALLENGE:

While working on the project, I faced some issues while creating the data layer for the application due to its complex architecture and a large number of fields. I got stuck and found nothing helpful on the internet.

5.4.3 SOLUTION:

As an intern, I did not have much knowledge about the problem I was facing. So, I decided to take help from the industry mentor and senior developers working in the company. They helped me to solve the problem and guided me in a manner that I could work to solve the problem and get the software developed according to the client's needs.

CHAPTER 6

STRENGTHS, WEAKNESSES, OPPORTUNITIES, THREATS (SWOT) ANALYSIS

6.1 STRENGTHS:

- Strong community support for PHP development.
- Easy to learn and widely used for web development. Versatile and scalable for building complex applications.
- Large number of open-source frameworks and libraries available.
- Good compatibility with different operating systems.

6.2 WEAKNESSES:

- PHP has a reputation for poor security.
- Can be prone to errors and bugs.
- Limited support for multithreading and asynchronous programming.
- Not as performant as some other languages.
- Can have difficulty handling large amounts of data

6.3 OPPORTUNITIES:

- Growing demand for web and mobile applications.
- Increasing need for e-commerce solutions.
- Developing applications for IoT devices.
- Expansion of cloud computing.
- Integration with artificial intelligence and machine learning.

6.4 THREATS:

- Competition from other programming languages.
- Security risks and concerns.
- Rapidly changing technology landscape.
- Economic downturns and budget cuts.
- Rapidly evolving customer requirements.

CHAPTER 7

PROBLEM IDENTIFICATION AND SOLUTION

7.1 PROBLEM IDENTIFICATION:

7.1.1 RAPID CHANGE IN INNOVATION:

The rapid pace of technological change can make it challenging for developers to keep up and can lead to outdated technology.

7.1.2 LACK OF NEW ASSETS:

Limited resources or budget can limit the ability to acquire new assets or invest in new technology.

7.1.3 LACK OF CO-APPOINTMENT BETWEEN TESTING: GROUPS AND ENGINEERS:

Poor communication between testing and development teams can lead to delays, errors, and poor-quality software.

7.1.4 LACK OF VALUE CONFIRMATION:

Lack of clear requirements or user feedback can result in software that doesn't meet user needs or business objectives.

7.1.5 PROJECT FOUNDATION:

Poor planning, scope creep, or inadequate project management can lead to project failure or poor outcomes.

7.1.6 RESOURCES ISSUES:

Limited or mismanaged resources can lead to missed deadlines, poor quality, and project failure.

7.2 CONSEQUENCES OF THE CURRENT PROBLEM:

These problems can lead to project delays, increased costs, poor-quality software, dissatisfied users, and missed business opportunities. It can also lead to loss of market share, damage to the company's reputation, and lower profitability.

7.3 SOLUTIONS:

1. Keeping up with the latest technology trends and innovations, investing in ongoing learning and development opportunities for developers.
2. Prioritizing resource allocation to acquire necessary new assets or technology.
3. Encouraging clear communication and collaboration between testing and development teams.
4. Gathering feedback from users and stakeholders early in the development process to ensure that software meets their needs and objectives.
5. Establishing clear project goals, scope, and milestones, and using project management best practices to ensure successful project completion.
6. Ensuring that resources are properly managed, and identifying potential resource constraints and issues early in the project cycle.

7. By implementing these solutions, organizations can mitigate the consequences of the identified problems and increase the chances of successful software development outcomes.

CHAPTER 8

CONCLUSION

8.1 CONCLUSION:

The internship opportunity provided by Srb IT Solutions was an excellent chance for me to apply the theoretical knowledge I have learned in college to practical work. During the internship, I learned about various aspects of the corporate world, including the importance of maintaining ethical standards, critical thinking, communication skills, and time management. I also learned the habit of working long hours, which has prepared me for the demands of the industry.

One of the significant takeaways from the internship was the importance of observation and participation in problem-solving. Collaboration and communication with colleagues played a vital role in finding the most suitable solutions to the issues we faced. I also gained knowledge of different programming languages and applications used in the industry, which helped me understand the trends in technology.

The internship experience also taught me about the importance of client satisfaction and how to handle pressure in a professional environment. The program increased my teamwork and problem-solving abilities and helped me develop a positive attitude towards challenges.

I am grateful to Srb IT Solutions for providing me with the opportunity to gain knowledge about the competitive atmosphere of the professional field. The experience has enhanced my coding and design skills and prepared me to face the challenges of the industry confidently. I would like to thank the Department of Computer Science and Engineering at Shri Vaishnav Vidyapeeth Vishwavidyalaya for supporting me throughout the internship program.

CHAPTER 9

REFERENCES AND SOURCES USED

Company's Website: <https://www.srbitsolution.com/>

PHP Documentation: <https://www.php.net/docs.php>

StackOverFlow: <https://stackoverflow.com/>

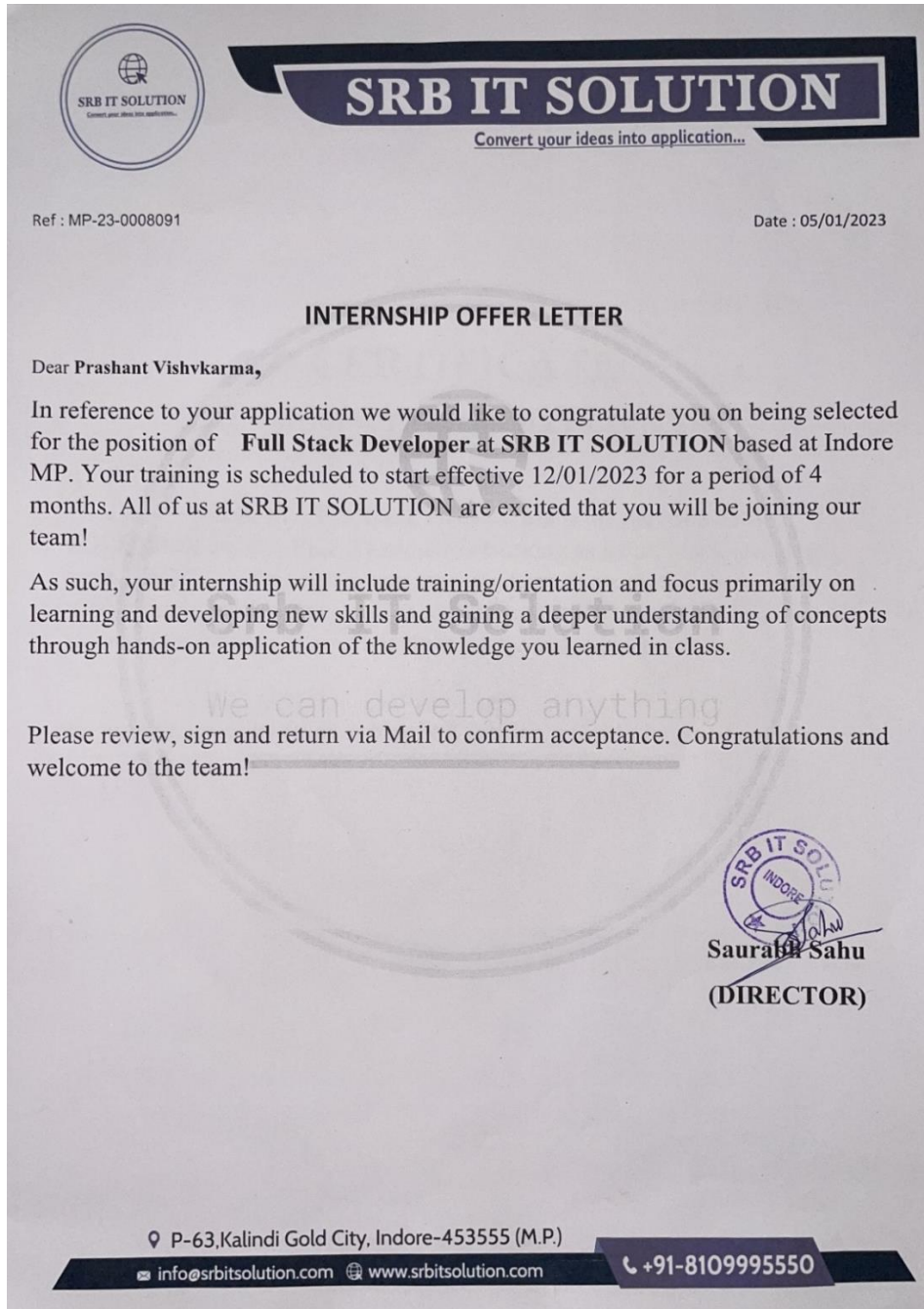
Geeksforgeeks: <https://www.geeksforgeeks.org/php-introduction/>

Git: <https://git-scm.com/>

CHAPTER 10


APPENDICES

Figure: 10.1 INTERNSHIP OFFER LETTER



Fortnightly Report of the Student/Intern- FORM-I

Figure: 10.2 FORTNIGHTLY REPORT – 1



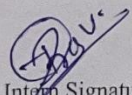
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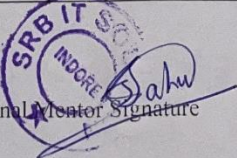
Notification: N/A Feb 04, 2023

FNR-I

Fortnightly Report of the Student/Intern
(To be maintained by the student)

Student Details:	Report Details		
Name: Prashant Vishvkarma Enroll. No. : 19100BTIT06591	Period	Date From	Date To
Name of the Industry: SRB IT SOLUTION P-64 External Mentor Name: Mr. Saurabh sahu E-mail id: web.saurabhsahu@gmail.com Working Days in a Week: 5(M,T,W,T,F)	16 Days	12 Jan 2023	3 Feb 2023
Weeks	Main points of the fortnight		
Week: 1	Web Programming Introduction. HTML-Introduction & HTML-Basic Formatting Tags		
Week: 2	HTML-Grouping Using Div Span & HTML-Lists. HTML-Images & HTML-Hyperlink . HTML-Table & HTML-Iframe. HTML-Form . HTML-Headers.		
Week: 3	HTML-Miscellaneous. CSS-Introduction. CSS-Syntax. CSS-Selectors.		
Week: 4	CSS-Color Background Cursor. CSS-Text Fonts. CSS-Lists Tables & CSS2-Box Model . CSS-Display Positioning CSS Floats		


 Intern Signature


 External Mentor Signature

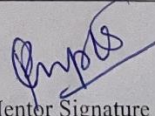


 Inter Mentor Signature

Figure: 10.3 FORTNIGHTLY REPORT – 2

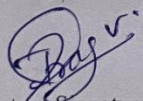


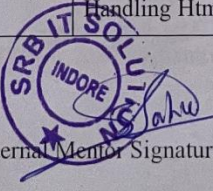
Shri Vaishnav Vidyapeeth Vishwavidyalaya, Indore
Shri Vaishnav Institute of Information Technology

Notification: N/A Feb 17, 2023

FNR-II
Fortnightly Report of the Student/Intern
(To be maintained by the student)

Student Details:	Report Details		
Name: Prashant Vishvkarma Enroll. No. : 19100BTIT06591	Period	Date From	Date To
Name of the Industry: SRB IT SOLUTION P-64 External Mentor Name: Mr. Saurabh sahu E-mail id: web.saurabhsahu@gmail.com Working Days in a Week: 5(M,T,W,T,F)	13 Days	3 Feb 2023	16 Feb 2023
Weeks	Main points of the fortnight		
Week: 1	Bootstrap : Introduction to Bootstrap Bootstrap Component Bootstrap Advance Component Bootstrap Utilities		
	PHP : Introduction to PHP Decisions and loop Function Array Handling Html Form with Php		
Week: 2			


 Intern Signature


 External Mentor Signature

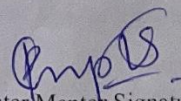


 Inter Mentor Signature

Figure: 10.4 FORTNIGHTLY REPORT – 3

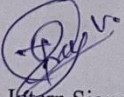



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Shri Vaishnav Institute of Information Technology

Notification: N/A March-01-2023

FNR-III
Fortnightly Report of the Student/Intern
(To be maintained by the student)

Student Details:	Report Details		
Name: Prashant Vishvkarma Enroll. No. : 19100BTIT06591	Period	Date From	Date To
Name of the Industry: SRB IT SOLUTION P-64 External Mentor Name: Mr. Saurabh sahu E-mail id: web.saurabhsahu@gmail.com Working Days in a Week: 5(M,T,W,T,F)	13 Days	16 Feb 2023	1 March 2023
Weeks	Main points of the fortnight		
Week: 1	PHP Forms : PHP Form Handling.		
	PHP Form Validation		
	PHP Form Required		
	PHP Form URL/E-mail		
Week: 2	PHP Advanced : PHP Date and Time		
	PHP Include		
	PHP File Handling		
	PHP File Open/Read		
	PHP File Create/Write		


Intern Signature


External Mentor Signature

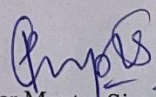


Inter Mentor Signature

Figure: 10.5 FORTNIGHTLY REPORT– 4

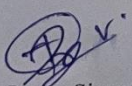


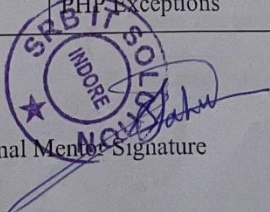
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Shri Vaishnav Institute of Information Technology

Notification: N/A March-17-2023

FNR-IV
Fortnightly Report of the Student/Intern
(To be maintained by the student)

Student Details:	Report Details		
Name: Prashant Vishvkarma Enroll. No. : 19100BTIT06591	Period	Date From	Date To
Name of the Industry: SRB IT SOLUTION P-64 External Mentor Name: Mr. Saurabh sahu E-mail id: web.saurabhsahu@gmail.com Working Days in a Week: 5(M,T,W,T,F)	15 Days	1 March 2023	15 March 2023
Weeks	Main points of the fortnight		
Week: 1	PHP Advanced: PHP File Upload		
	PHP Cookies		
	PHP Sessions		
	PHP Form URL/E-mail		
Week: 2	PHP Date and Time		
	PHP Include		
	PHP Filters Advanced		
	PHP Callback Functions		
	PHP Exceptions		


Intern Signature


External Mentor Signature

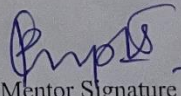


Inter Mentor Signature

Figure: 10.6 FORTNIGHTLY REPORT – 5

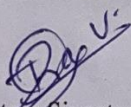



Shri Vaishnav Vidyapeeth Vishwavidyalaya, Indore
Shri Vaishnav Institute of Information Technology

Notification: N/A April 04-2023

FNR-V
Fortnightly Report of the Student/Intern
(To be maintained by the student)

Student Details:	Report Details		
Name: Prashant Vishvkarma Enroll. No. : 19100BTIT06591	Period	Date From	Date To
Name of the Industry: SRB IT SOLUTION P-64 External Mentor Name: Mr. Saurabh sahu E-mail id: web.saurabhsahu@gmail.com Working Days in a Week: 5(M,T,W,T,F)	15 Days	15 March 2023	1 April 2023
Weeks	Main points of the fortnight		
Week: 1	PHP OOPs : PHP What is OOP		
	PHP Classes/Objects		
	PHP Constructor & PHP Destructor		
	PHP Access Modifiers		
	PHP Inheritance & PHP Constants		
Week: 2	PHP Abstract Classes & PHP Interfaces		
	PHP Traits & PHP Static Methods		
	PHP Static Properties		
	PHP Namespaces & PHP Iterables		


 Intern Signature


 External Mentor Signature

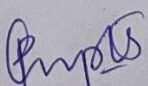


 Inter Mentor Signature

Figure: 10.7 FORTNIGHTLY REPORT – 6

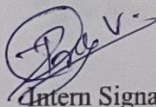


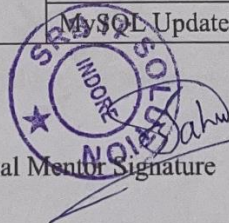
Shri Vaishnav Vidyapeeth Vishwavidyalaya, Indore
Shri Vaishnav Institute of Information Technology

Notification: N/A April 18-2023

FNR-VI
Fortnightly Report of the Student/Intern
(To be maintained by the student)

Student Details:	Report Details		
Name: Prashant Vishvkarma Enroll. No. : 19100BTIT06591	Period	Date From	Date To
Name of the Industry: SRB IT SOLUTION P-64 External Mentor Name: Mr. Saurabh sahu E-mail id: web.saurabhsahu@gmail.com Working Days in a Week: 5(M,T,W,T,F)	15 Days	1 April 2023	15 April 2023
Weeks	Main points of the fortnight		
Week: 1	MySQL Database : PHP What is MySQL Database?		
	MySQL Connect & MySQL Create DB		
	MySQL Create Table & PHP Destructor		
	MySQL Insert Data & MySQL Get Last ID		
Week: 2	MySQL Insert Multiple & MySQL Prepared		
	MySQL Select Data & MySQL Where		
	MySQL Order By & MySQL Delete Data		
	MySQL Update Data & MySQL Limit Data		


 Intern Signature


 External Mentor Signature

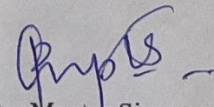


 Inter Mentor Signature

Figure: 10.8 FORTNIGHTLY REPORT – 7

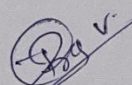


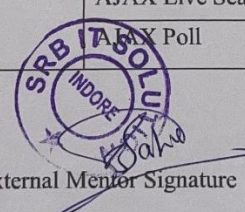
Shri Vaishnav Vidyapeeth Vishwavidyalaya, Indore
Shri Vaishnav Institute of Information Technology

Notification: N/A 1-May-2023

FNR-VII
Fortnightly Report of the Student/Intern
(To be maintained by the student)

Student Details:	Report Details		
Name: Prashant Vishvkarma Enroll. No. : 19100BTIT06591	Period	Date From	Date To
Name of the Industry: SRB IT SOLUTION P-64 External Mentor Name: Mr. Saurabh sahu E-mail id: web.saurabhsahu@gmail.com Working Days in a Week: 5(M,T,W,T,F)	15 Days	15 April 2023	1 May 2023
Weeks	Main points of the fortnight		
Week: 1	PHP - AJAX: PHP What is AJAX And AJAX Intro?		
	AJAX PHP		
	AJAX Database		
Week: 2	AJAX XML		
	AJAX Live Search		
	AJAX Poll		


Intern Signature


External Mentor Signature

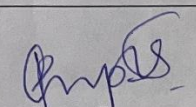



Inter Mentor Signature

Figure: 10.9 Industry Mentor Evaluation of Intern-Form 2




SRB IT SOLUTION
Convert your ideas into application...

Form II
INDUSTRY MENTOR EVALUATION OF INTERN

Student Name:- **Prashant Vishvkarma** Date: - 27/04/2023.

Student Enrolment No: **19100BTIT06591**

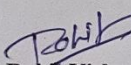
Internship Address: **SRB IT SOLUTION P-64, Kalindi Gold City Indore MP,453555**

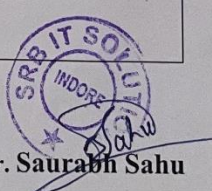
Dates of Internship: From: **12/01/2023** To: **27/04/2023**.

Evaluated points according to the given scale.

10- Outstanding, 9-Excellent, 8-Very Good, 7-Good, 6-Average, 5-Satisfactory, below 5- Fail

S. No.	Parameters of Evaluation	Points
1	Punctuality	8
2	Behaviour	9
3	Shows interest in work	9
4	Learns quickly	10
5	Shows initiative	9
6	Accepts responsibility	9
7	Organizational skills	9
8	Creativity/Originality	9
9	Problem Analysis, Design, Solution	9
10	Communication Skill	9
	Overall Performance of student/intern	90
	Total out of 100	


Mr. Rohit Vishwakarma
 Name & Signature of Industry Supervisor


Mr. Saurabh Sahu
(DIRECTOR)

📍 P-63,Kalindi Gold City, Indore-453555 (M.P.)

✉ info@srbitsolution.com 🌐 www.srbitsolution.com ☎ +91-8109995550

Figure: 10.10 Feedback of Student on Internship- Form 3

SHRI VAISHNAV VIDYAPEETH VISHWAVIDYALAYA



FORM-III

Feedback of Student on Internship

Student Name:- Prashant Vishvkarma
 Enrollment No:- 9100BTIT06591
 Internship is:- With Stipend
 Company / Organization Name :- SRB IT SOLUTION
 Internship Address :- P-64, Kalindi Gold City Indore MP,453555
 Faculty Coordinator:- Prof. Priyanka Gupta
 Institute :- Shri Vaishnav Institute Of Information Technology
 Department :- Information Technology.
 Dates of Internship :- From 12/01/2023 To 27/04/2023

Give a brief description of your internship work (title and tasks for which you were responsible):
 Was your internship experience related to your major area of study?

The basic responsibilities were: Working in coordination with the design and the testing team to develop the products designing, implementing and managing software programs. Writing and implementing efficient code. To work with different data sources, Fix bugs, Continuous evaluation, discovering new technologies and exploiting them. Troubleshoot issues and interact to discuss projects, technology solutions and responds to questions on system and technologies.

☒ Yes, to a large degree

☐ Yes, to a slight degree

☐ No, not related at all

(1 of 4)

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 Mailing Address: Shri Vaishnav Vidya Parisar 177 Jawahar Marg, South Rajmohalla, Indore, M.P. – 452002
 ● Phone: +91-731-2349111-2 ● Fax: +91-731-2349113

SHRI VAISHNAV VIDYAPEETH VISHWAVIDYALAYA



Indicate the degree to which you agree or disagree with the following statements.

This experience has:	Strongly Agree	Agree	No Opinion	Disagree	Strongly Disagree
Given me the opportunity to explore a career field	<input checked="" type="checkbox"/>				
Allowed me to apply classroom theory to practice		<input checked="" type="checkbox"/>			
Helped me develop my decision-making and problem-solving skills	<input checked="" type="checkbox"/>				
Expanded my knowledge about the work world prior to permanent employment		<input checked="" type="checkbox"/>			
Helped me develop my written and oral communication skills			<input checked="" type="checkbox"/>		
Provided a chance to use leadership skills (influence others, develop ideas with others, stimulate decision-making and action)		<input checked="" type="checkbox"/>			
Expanded my sensitivity to the ethical implications of the work involved		<input checked="" type="checkbox"/>			
Made it possible for me to be more confident in new situations		<input checked="" type="checkbox"/>			
Given me a chance to improve my interpersonal skills	<input checked="" type="checkbox"/>				
Helped me learn to handle responsibility and use my time wisely	<input checked="" type="checkbox"/>				
Helped me discover new aspects of myself that I didn't know existed before		<input checked="" type="checkbox"/>			

(2 of 4)

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 ● Phone: +91-731-2349111-2 ● Fax: +91-731-2349113

SHRI VAISHNAV VIDYAPEETH VISHWAVIDYALAYA



Helped me develop new interests and abilities		✓			
Helped me clarify my career goals	✓				
Provided me with contacts which may lead to future employment	✓				
Allowed me to acquire information and/or use equipment not available at my Institute		✓			

Answer the following Question

Q1. In the institute internship program, faculty members are expressed to be mentors for students. DO you feel that your faculty coordinator served such a function? Why or Why not?

Ans. Yes the faculty members served their function as if there was problem related to internship the faculty members always helped us very readily.

Q2 How well were you able to accomplish the initial goals, tasks and new skills that were set down in your learning contract?

Ans. As after doing this internship I gained so much knowledge about PHP, JavaScript ,MySQL, HTML, CSS now I can write this in my resume and apply in those companies who are giants in this field.

Q3 In what ways were you able to take a new direction or expand beyond your contract?

Ans. I am able to expand beyond my contract as I have learned new skills and soft skills

Q4 Why were some goals not accomplished adequately?

Ans. Yes some goals may not be accomplished adequately in less time during internship.

Q5 In what area did you most develop and improve?

Ans. In PHP, Problem Solving Skills, Database Management.

(3 of 4)

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● Phone: +91-731-2349111-2 ● Fax: +91-731-2349113

SHRI VAISHNAV VIDYAPEETH VISHWAVIDYALAYA



Q6. What has been the most significant accomplishment or satisfying moment of your internship?

Ans. Talking with senior professional developers and learning about IT industry was the most significant accomplishment moment of my internship.

Q7. What did you dislike about the internship? Considering your overall experience, how would you rate this internship? Give suggestions as to how your internship experience could have been improved?

Ans. I didn't like the lack of clarity in my role and not having a well-defined structure. The mentorship was also not very active. I would rate my overall experience 3 out of 5. Suggestions for improvement include providing more structured and defined responsibilities, more active mentorship, and more opportunities to work on real-world projects..

Q8. Could you have handled added responsibility?

Ans. Yes, I handled added responsibility, company asked me to prepare a ppt and research on some topics out of my domain but beneficial for organization

Q9. Would you have liked more discussions with your professor concerning your internship? Was closer supervision needed?

Ans. No, there were no need of supervision as I've discussed all the necessary queries professor.

Q10. Was more of an orientation required?

Ans. No, there were no more need of an orientation.

Date: 02 / 05 / 2023

Signature of the Student

(4 of 4)

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Mailing Address: Shri Vaishnav Vidya Parisar 177 Jawahar Marg, South Rajmohalla, Indore, M.P. – 452002
● Phone: +91-731-2349111-2 ● Fax: +91-731-2349113