Internship Report

Submit in partial fulfilment of the requirements for the award of degree of

"Master of Computer Application"

(MCA)

Specialization – Web Development

Submitted To
LOVELY PROFESSIONAL UNIVERSITY,
PHAGWARA (PUNJAB)

Submitted By:

Name : - **Ekhlakh Ahmad**
Regi No.: - **12209166**
Company Name: - **Acacious Technologies**
Designation: - **Software Trainee Intern**

Submitted To:

Name : - **Dr. Manik Mehra**
ID No.: - **27377**
Designation: - **Professor, Lovely Professional University, Phagwara**

Declaration by Supervisor

This is to certify that **Ekhlakh Ahmad** Reg. No. **12209166** from Lovely Professional university, Phagwara (Punjab), has worked as an intern in **Software Trainee Intern** on **"Acacious Technologies, Noida, U.P"** under my supervision from **April '2024** to **Present**. It is further stated that the work carried out by the student is a record of original work to the best of my knowledge for the partial fulfilment of the requirements for the award of the degree, **Master of Computer Application (MCA).**

Name of External Supervisor

Mr. Abhishek Kumar Singh

 (Sr. Software Developer)

Name of Internal Supervisor

Manik Mehra

(Professor, SCA, LPU)

Designation of the External Supervisor

Senior Software Developer,

Designation of Internal Supervisor

Placement Mentor

Declaration by Student

I, **Ekhlakh Ahmad**, Reg No. **12209166**, hereby declare that the work done by me on **"Implementation of Web Application"** from **April '2024 to Present**, under the supervision of **Mr. Abhishek Kumar Singh**, Senior Software Developer, **Acacious Technologies, Noida, U.P** and **Manik Mehra, Placement Mentor**, **Lovely Professional University, Phagwara (Punjab)** is a record of original work for the partial fulfilment of the requirements for the word of the degree, **Master in Computer Applications (MCA).**

Name: -   **Ekhlakh Ahmad**

Reg. No.: -   **12209166**

ACKNOWLEDGEMENT

The OJT opportunity I had with Acacious Technologies was a great chance for learning and professional development. Therefore, I consider myself as a very lucky individual as I was provided with an opportunity to be a part of it. I am also grateful for having a chance to meet so many wonderful people and professionals who led me though this internship period.

Bearing in mind previous I am using this opportunity to express my deepest gratitude and special thanks to the **Mr. Abhishek Kumar Singh, Sr. Software Developer**, who despite being extraordinary busy with his duties, took time out to hear, guide and keep me on the correct path and allowing me to carry out my project at their esteemed organization and extending during the training.

I express my deepest thanks to **Mr. Sarabjit Kumar (Placement Co-Ordinator)**, Ass. Professor, LPU for taking part in useful decision & giving necessary and guidance and arranged all facilities to make life easier. I choose this moment to acknowledge his contribution gratefully.

Name: - Ekhlakh Ahmad

Reg. No.: - 12209166

Undertaking By the Student for OJT Certificate

Undertaking by the student for submitting Final Certificate of Six-Months OJT

Student Name   : -   Ekhlakh Ahmad

Registration No.   : -   12209166

Program Name   : -   MCA

Batch Year   : -   2022 – 2024

Course Code   : -   CAP – 841

Mobile No.   : -   +91 9576650491

I understand that I have been provisionally allowed to appeal for the ETP viva and I hereby declare that since I am on Six months OJT, thus I shall submit my final certificate of Full-Term Internship/OJT to university after completion of my Internship/OJT but not later than 31st July 2024. I am aware that in case, I am unable to submit the same till the above-mentioned date, my final evaluation of Internship/OJT shall be discarded by the university, and I grade shall be awarded in the result.

Signature of Student   Signature of TPC-School   Signature of HOS

Ekhlakh Ahmad

_____   _____   _____

Table of Contents

Introduction of the Company

About Acacious Technologies

We are registered firm with the GST number 09ARLPK5997N1ZM

We are one of the leading service providers for Search Engine Optimisation. We have over a million clients in our customer database who have indulged in receiving SEO services from us. This has not only blessed our SEO team with flourishing in their respective expertise but also to generate innumerable feedback to upgrade our scope of implications. We have tried our best to quote our clients in the most affordable rates possible. Client satisfaction has always been our sole objective because we believe that priorities cannot be ignored!

How do we work?

We have a dedicated team to attain our clients at any time of the day. Along with 24*7 client support, we provide maximum optimisation of client website for top search engine ranking. The sole objective is to ignite visibility and to boost the same with equal efficiency. We take care of organic visibility, quality traffic and sales of your online business. We have hit the target more times than we can keep a count on as far as your website traffic and visibility are concerned. We work hand-in-hand with our clients on their roads to glory, and we do take pride in it.

- Our Company is a solid Technology foundation.
- Team of 5 years of expert Technical Professionals.
- Client satisfaction is our first priority.
- 24*7 customer support is available.
- Work on smooth flywheel methodology
- Seamless communication with clients

Web Design and Development Service in India, and other countries help you to grow your business in a unique way. We strive hard to develop the finest IT solutions that will let you interact with your customers and mark your presence everywhere. We render pixel-perfect web designs that help you build your brand. Working on the motto that a website is not something that just ends up with .com or .in, but it should ultimately bring success to you, we cater to your entire requirements of web design, web development, mobile application development, and digital marketing too. So, if

you want to design and develop a website that is fused with creativity, discuss your project idea with us!

Being a leading IT Company in India, Acacious Technologies delivers innovative solutions to clients all around the world. Our company collaborates with different technology partners to serve our customers with exactly they need! We work on the objective to render value-adding solutions to our valuable clients on a global basis.

Why work with Acacious Technologies?

We have been working in the market of Search Engine Optimisation for more than a decade, and we have set up the prestige of our own. We take pride in dealing straight with our clients. We have empathised with our clients through every thick and thin and have tried to be the stepping stones of their glory. We have worked for small, mid-sized as well as large organisations and have recorded each of their feedback. We try the most to deliver the work first. We guarantee excellent visibility and quality support in no time. We are a registered SEO company with a bright portfolio.

Affordable Price quotes

We believe that all small and large businesses have their own requirements and expectations to meet certain customer base. We offer multifarious packages with extended offers so that our clients possess the authority to choose the best for them. We do not limit our services to money. We never fall back in case our clients demand any extra assistance. We are confident that our biddings will never exceed any average SEO service provider in the nation; however, that will never mean a compromise of quality to us. Offering good quality service at competitive rates has been our motto since the start, and we are lucky to uphold the reputation till date.

Project Report

I am not allowed to mention project or client details due to the "Code of Conduct" signed with the company, I am unable to share any specific information or details of the project in the report.

This report provides a comprehensive overview of a recent project undertaken by our team. Due to the "Code of Conduct" agreement signed with the company, specific details about the project, client, or related data cannot be disclosed. However, this document will outline the general structure, process, methodologies, and lessons learned throughout the project life cycle.

Project Scope and Objectives:
The project was initiated to address specific business needs within a defined scope. The primary objective was to deliver a solution that meets the client's requirements while adhering to the company's standards for quality and efficiency. While the details of these objectives are confidential, it can be stated that the project aimed to achieve significant improvements in operational performance and client satisfaction.

Methodology and Approach:
The project was executed using a hybrid methodology, integrating both agile and traditional project management principles. This approach allowed for flexibility in response to changing requirements, while still maintaining a structured framework for deliverables and timelines.
- Planning and Initiation: Establishing project goals, identifying key stakeholders, and developing a project plan.
- Design and Development: Crafting the solution architecture and building the necessary components to meet project objectives.
- Testing and Quality Assurance: Rigorous testing was conducted to ensure that solution met all functional requirements and none-functional requirements.
- Implementation and Development: The solution was rolled out in phases to ensure smooth integration with existing system.

Outcomes and Deliverables:
While the specific of the deliverables cannot be disclosed, the project successfully achieves its intended outcomes. The team was able to deliver a high-quality solution that met the client's needs within the agreed-upon timeline and budget. The success of the project was measured using predefined metrics related to performance, efficiency, and client satisfaction.

Learning Duration OJT

I started my job in "Acacious Technologies" as a software developer Intern - Full Time at the time of my training period, I learned these technical skills.

Technical Skills:

- Learning React JS for Frontend development.
- Learning different tools to call API and run in local.
- Experience in using GIT for maintaining project histories, reverting changes, and ensuring code integrity in multiple-developer environments.
- API development for the Real Time web Application.
- Experience with MongoDB, getting data from frontend and saving that in database and fetching the data from database.
- Adapting the domain and learning the application how to debug inside the application.

HTML (HyperText Markup Language): HTML is the standard markup language used to create the structure and content of web pages. It defines elements like headings, paragraphs, links, images, and forms, forming the backbone of a website.

CSS (Cascading Style Sheets): CSS is used to style and layout web pages. It controls the visual appearance of HTML elements, such as colors, fonts, spacing, and positioning, enabling developers to create visually appealing and responsive websites.

JavaScript (JS): JavaScript is a programming language used to create interactive and dynamic content on websites. It allows developers to implement features like animations, form validations, and user interactions, enhancing the user experience.

React: React is a popular JavaScript library for building user interfaces, particularly single-page applications. It allows developers to create reusable UI components, manage state efficiently, and build complex user interfaces with ease.

VS Code (Visual Studio Code): VS Code is a powerful and widely-used code editor developed by Microsoft. It supports various programming languages, offers extensive extensions, and provides features like debugging, code completion, and Git integration.

Online Compiler: An online compiler is a web-based tool that allows users to write, compile, and execute code in various programming languages directly in the browser. It's useful for quick testing and development without needing to install a local development environment.

Browser: A browser is a software application used to access and view websites on the internet. Popular browsers include Google Chrome, Mozilla Firefox, Microsoft Edge, and Safari. Browsers interpret HTML, CSS, and JavaScript to render web pages.

Git: Git is a distributed version control system used to track changes in source code during software development. It enables multiple developers to collaborate on a project, manage code versions, and revert to previous states if needed.

GitHub: GitHub is a web-based platform that hosts Git repositories. It provides tools for version control, collaboration, issue tracking, and project management, making it easier for developers to work together on code and share projects.

Responsive Website: A responsive website is designed to adapt to different screen sizes and devices, ensuring a consistent and user-friendly experience across desktops, tablets, and smartphones. This is achieved using flexible layouts, media queries, and other CSS techniques.

Hosting: Hosting refers to the service of storing and serving website files on a server, making them accessible to users on the internet. Web hosting providers offer various hosting plans, such as shared, VPS, and dedicated hosting, depending on the website's needs.

Firebase: Firebase is a platform developed by Google that provides a suite of tools for building mobile and web applications. It includes features like real-time databases, authentication, hosting, and cloud functions, making it popular for rapid app development.

AWS (Amazon Web Services): AWS is a comprehensive cloud computing platform provided by Amazon. It offers a wide range of services, including computing power, storage, databases, and machine learning, enabling businesses to build and scale applications in the cloud.

SQL: SQL (Structured Query Language) is a standard language used to manage and manipulate relational databases. It allows developers to perform operations like querying, updating, and managing database records. Common SQL databases include MySQL, PostgreSQL, and SQLite.

RESTful API: A RESTful API (Representational State Transfer) is an architectural style for designing networked applications. It relies on stateless communication and

standard HTTP methods (GET, POST, PUT, DELETE) to interact with resources, making it a popular choice for web services.

PHP: PHP is a server-side scripting language widely used for web development. It's known for being easy to learn and is the foundation of many content management systems (CMS) like WordPress.

Node.js: Node.js is a runtime environment that allows developers to execute JavaScript code on the server side. It's built on Chrome's V8 JavaScript engine and is commonly used for building fast and scalable web applications. Node.js is popular for its non-blocking, event-driven architecture.

Express.js: Express.js is a minimalist web framework for Node.js, used for building web applications and APIs. It simplifies the process of handling HTTP requests, routing, and middleware, making it easier to create robust and scalable backend services.

Annexure-XIII (To be brought at ETP Viva only)
Continuous Assessment (CA) for Internship/OJT
(By external supervisor from organization)

Name of the Student __**Ekhlakh Ahmad**__ Registration Number __**12209166**__
Internship Project Title (if/any): **AT/02/24/19/IN**

Name of Organization & Address: **Acacious Technologies H- 1A/20, H Block, Sector 63, Noida, Uttar Pradesh 201301.**

Name of External Internship in charge (with mobile number): _____
Mr. Abhishek Kumar Singh. Contact No.: **9711229767**

Sl. No.	Criteria	Marks Obtained	Maximum Marks
1.	Student conduct during Internship	7	10
2.	Punctuality and Enthusiasm	17	20
3.	Technical Skill & Knowledge	19	20
4.	Performance	47	50
5.	**Total**	**90**	**100**

Date: __**1st August**__ Authorized Signature: _Arti Shrivastava_

Name: __**Arti Shrivastava**__ Designation: __**HR & Admin**__

Company Seal:

Acacious Technologies
7291054305
You can't sell anything if you can't sell anything

Annexure – XII

External Supervisor Details Performance

Part A –
Student Details:

Student Name: Ekhlakh Ahmad

Registration No.:   12209166

Batch Year: 2022 – 24

Contact Number: +91 9576650491

Email ID: ekhlakhahmad95@gmail.com

Part B –
Supervisor Details:

Name of Supervisor: Mr. Abhishek Kumar Singh

Designation of supervisor.:   Sr. Software Developer

Name of organization: Acacious Technologies

Contact Number: +91 9711229767

Date: 01/08/2024

Acacious Technologies
7291054305

Salary Slip

Sheet1

Acacious Technologies				
Nirala Aspire, Greater Noida West GB Nagar UP			ACACIOUS TECHNOLOGIES	
Payslip for the Month of Apr, 2024				
Employee Pay Summary		Employee Net Pay		
Employee Name	: Ekhlakh Ahmad	₹9,333.33		
Designation	: Software Trainee Intern	Paid Days: 14 | LOP Days: 4		
Date of Joining	: 20-04-2024			
Pay Period	: April, 2024			
Pay Date	: 08-05-2024			
A/C Number	: 38588046557			
IFSC Number	: SBIN0001238			
EARNINGS	**AMOUNT**	**DEDUCTIONS**		**AMOUNT**
Monthly Salary	₹20,000.00	Leaves (4)		₹2,666.66
Working Days	**14**	**Total Deductions**		**₹2,666.66**
Gross Earnings	**₹9,333.33**	**Days in Month**		**30**
REIMBURSEMENTS		**Purpose**		**Where**
Reimbursement 1		Client Meeting		
Reimbursement 2		Client Meeting		
Total Reimbursements	**₹0.00**			
NETPAY				**AMOUNT**
Gross Earnings				₹12,000.00
Total Deductions				-₹2,666.66
Total Reimbursements				₹0.00
		Total Net Payable		**₹9,333.33**
Total Net Payable ₹9,333.00 (Nine Thousand Three Hundred and Thirty-Three only)				
**Total Net Payable = Gross Earnings - Total Deductions + Total Reimbursements				

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Acacious Technologies

Nirala Aspire, Greater Noida West GB Nagar UP

ACACIOUS TECHNOLOGIES

Payslip for the Month of May, 2024

Employee Pay Summary

Employee Name	: Ekhlakh Ahmad	
Designation	: Software Trainee Intern	**Employee Net Pay**
Date of Joining	: 20-04-2024	**₹18,666.66**
Pay Period	: May, 2024	Paid Days: 28	LOP Days: 2
Pay Date	: 08-06-2024	
A/C Number	: 38588046557	
IFSC Number	: SBIN0001238	

EARNINGS	AMOUNT	DEDUCTIONS	AMOUNT
Monthly Salary	₹20,000.00	Leaves (2)	₹1,333.33
Working Days	**28**	**Total Deductions**	**₹1,333.33**
Gross Earnings	**₹18,666.66**	**Days in Month**	**30**
REIMBURSEMENTS		Purpose	Where
Reimbursement 1		Client Meeting	
Reimbursement 2		Client Meeting	
Total Reimbursements	**₹0.00**		
NETPAY			AMOUNT
Gross Earnings			₹20,000.00
Total Deductions			-₹1,333.33
Total Reimbursements			₹0.00
		Total Net Payable	**₹18,666.66**

Total Net Payable ₹18,666.00 (Eighteen Thousand Six Hundred and Sixty-Seven only)

**Total Net Payable = Gross Earnings - Total Deductions + Total Reimbursements

Offer Later

ACACIOUS TECHNOLOGIES

Date: 17nd April'24

Name: Ekhlakh Ahmad
Intern Code: AT/02/24/19/IN
NOIDA

Letter for Internship

Dear Ekhlakh

With reference to our meeting and subsequent discussions with you, we are pleased to appoint you as an **Intern** in our organization for six months, effective **20th April 2024.** Your internship will be further governed by the terms and conditions as mentioned in the forthcoming clauses:

1. Stipend

Your monthly stipend will be **INR 20,000/- (Rupees Twenty Thousand)** for this Internship.

2. Leaves & Holidays

You shall not be entitled to any leave in the internship period.

3. No Solicitation

3.1   During your internship with the Company and for **24 (twenty-four) months** after the termination of the internship, you shall not, directly or indirectly, either or through or jointly with any third party, approach, solicit, interfere with, entice away from the Company or its affiliates any client or prospective client of the Company or its affiliates, nor attempt to discourage any clients or prospective client of the Company or its affiliates from dealing with the Company or its affiliates, nor provide any services to any client or prospective client of the Company or its affiliates which compete with the Company or its affiliates.

3.2   During your internship with the Company and for **24 (twenty-four) months** after termination of internship, you shall not, directly or indirectly, either or on your own or through or jointly with any third party, approach, solicit or induce, or attempt to approach solicit or induce any Intern, agent, representative or affiliate of the Company to discontinue representing, or its internship with the Company to represent or take up internship with any competitor of the Company, whether or not such Intern, agent, representative or affiliate would commit any breach of his/her contract with the Company due to such discontinuance.

4. Intellectual Property Rights (IPRs)

4.1   All intellectual property (as defined below) created or developed by you (whether individually or jointly with others) during the term of or during your internship shall be absolutely owned by and vest in the Company, whether such creation or development was achieved using the Company's facilities and/or resources. Upon creation or development of the intellectual property, you shall immediately notify the Company and disclose full details to the Company. At the request and expense of the Company, you shall execute all documents and do all things that may be necessary or desirable for obtaining appropriate forms of legal protection for such intellectual property in such parts of the world as may be specified by the Company and for vesting of all

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rights in the same in the Company or its nominee. You shall not do anything that may compromise or prejudice the ability of the Company to seek legal protection of such intellectual property, whether by way of registration or otherwise. All rights and obligations under this paragraph regarding intellectual property created or developed by you during and/or during your internship shall continue in full force and effect, notwithstanding the termination of your internship (for whatever reason). You shall be binding upon your successors and personal representatives.

4.2   The expression "intellectual property" includes letters, patents, trademarks whether registered or unregistered, service marks whether registered or not, registered or unregistered designs, utility models, copyrights (including design copyrights), database rights and all other intellectual property and similar proprietary rights, applications for any of the foregoing and the right to apply for them in any part of the world and including (without limitation) all such rights in materials, works, prototypes, inventions, discoveries, techniques, computer programs, source codes, data, technical information, trading business brand names, goodwill, the style or presentation of the goods or services, creations, inventions or improvements upon or additions to an invention, confidential information, know-how and any research effort relating to any of the above-mentioned business names whether registrable or not, moral rights and any similar rights in any country.

5. Non-Disclosure

5.1   During your internship, you will have access to confidential information, which includes proprietary data, trade secrets, business strategies, technical codes, client lists, financial information, and more, disclosed by our clients. You recognize the value of this information and agree not to disclose or use it for any purpose beyond the specified project without the client's prior written consent.

5.2   In case of a breach of this agreement, the client reserves the right to seek injunctive relief and monetary damages. Your confidentiality obligations will continue even after the termination or expiration of any agreement between the parties.

6. Code of Conduct & Workplace Guidelines

6.1   You will be the cornerstone of a positive work environment, fostering respect, integrity, and inclusivity. It outlines expected behaviours, emphasizing professionalism, communication, and collaboration while prohibiting discrimination, harassment, and unethical conduct. By adhering to these standards, an intern contributes to a culture of trust and mutual respect, ensuring a harmonious and productive workplace where everyone can thrive and contribute to shared goals.

7. Client's Property

7.1   You shall always maintain in good condition our client's properties that may be entrusted to you for official use during your employment and shall return all such property to our client before relinquishing your charge, failing which our client shall recover the cost from you.

8. Miscellaneous

8.1   You shall be governed by the organization's rules, regulations, and policies, which are in force and/or framed from time to time. The terms and conditions of service can be changed without any reference to you. The same shall be binding upon you as applies to other interns of your grade/level/function/department of the company. You will abide by the rules & regulations of the Company, which are in force for the time being and/or which may be framed from time to time. You shall also ensure compliance with statutes, regulations and requirements laid down by

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various regulatory and statutory bodies, including the Information Technology Act and its related rules and regulations.

8.2   You shall, throughout your service with the company, conduct yourself in a manner befitting a responsible intern of the company and maintain absolute integrity. If your behaviour or conduct is found wanting or undesirable, the company reserves the right to terminate your services without any compensation, notice or payment in lieu thereof.

8.3   If you leave the Company or resign for any reason, you will not use/utilize/provide any work/material/information that you may produce or acquire during your tenure with the Company. The Company reserves the right to initiate appropriate legal action and claim appropriate damages in the event of your failure to comply with this provision, resulting in any financial / non-financial loss to the Company.

8.4   You will not accept any present, commission, or other form of gratification in cash or kind from any person, party, firm, or company dealing with the Company. If you are offered anything, you should immediately report it to management.

8.5   If any provision of this letter is held to be invalid or unenforceable, then such provision shall, so far as it is invalid or unenforceable, be given no effect and shall be deemed to be included in this letter but without invalidating any of the remaining provisions of this letter.

9. Legal Jurisdiction

9.1   Any dispute arising from this internship agreement shall be referred to the exclusive jurisdiction of courts in **NOIDA (UP)** only.

Please return the duplicate copy of this letter, duly signed by you, in token of your acceptance of the above terms and conditions.

We welcome you to our organization and wish you a happy and rewarding career!

Acknowledgement

I accept and agree to all the terms and conditions mentioned in this Appointment Letter and consent to this employment agreement. Having read and understood the rules, regulations, and policies detailed in the Company's Workplace Guidelines and Code of Conduct, I promise to abide by such laws, regulations, and policies as mentioned in these documents and as stipulated in this agreement.

Name: Ekhlakh Ahmad

Signature: Ekhlakh Ahmad

Date: 20/04/2024

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