



Tribhuvan University
Faculty of Humanities and Social Sciences

An Internship Proposal Report

WordPress Developer Intern At Tyakkai Solutions

Submitted to:

Madan Bhandari Memorial College
Department of Computer Application
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*In partial fulfillment of the requirements for the
Bachelors in Computer Application*

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List of Abbreviations

| | |
|-------------|-----------------------------------|
| SEO | Search Engine Optimization |
| HTML | HyperText Markup Language |
| CSS | Cascading Style Sheets |
| PHP | Hypertext Preprocessor |
| QA | Quality Assurance |
| API | Application Programming Interface |

Introduction

In the digital age, a strong online presence is essential for any brand to grow and stay competitive. WordPress has become one of the most widely used platforms for creating flexible, user-friendly, and scalable websites. As someone who is eager to build a career in web development, I am seeking the opportunity to enhance my skills and gain real-world experience in WordPress.

I am applying for an internship at Tyakkai Solutions, a results-driven digital agency that empowers brands to grow in the online world. Learning from a team that specializes in creating meaningful digital solutions will allow me to understand industry practices, improve my technical skills, and contribute to real client projects. This internship will help me bridge the gap between theoretical learning and practical development while helping me grow as a capable WordPress developer. [1]

Problem Statement

Many businesses struggle to establish and maintain a strong online presence due to limited technical knowledge and challenges in creating modern, user-friendly websites. While WordPress offers powerful tools for website development, many organizations are unable to fully utilize its features for customization, optimization, and effective digital branding. As a student aiming to develop a career in web development, I face a similar challenge: I lack real-world experience in building and managing WordPress websites. This internship at Tyakkai Solutions will provide hands-on learning opportunities, helping me gain practical skills, understand professional workflows, and contribute to meaningful digital projects.

Objectives:

The main objectives of this internship are:

- To gain hands-on experience in WordPress development.
- To learn theme customization and plugin integration.
- To build responsive and user-friendly websites.
- To understand professional workflows at a digital agency.
- To apply theoretical knowledge in real projects.

Description of the Internship Work (Expected):

1. WordPress Fundamentals & Setup:

I will learn WordPress architecture, database structure, and install/configure it on local and hosting environments.

2. Theme Development & Customization:

I will customize themes, work with child themes, and ensure responsive layouts.

3. Page Builders & Visual Design:

I will design pages using Elementor, Gutenberg, or WPBakery and maintain consistent branding.

4. Plugin Integration & Management:

I will install, configure, and manage plugins for SEO, forms, security, and social media.

5. Custom Development & Coding:

I will write HTML, CSS, JavaScript, and PHP for custom features and functionalities.

6. Website Optimization & Performance:

I will optimize website speed, caching, images, and implement SEO best practices.

7. Testing, Debugging & QA:

I will test websites on different devices and browsers, fix bugs, and ensure proper functionality.

8. Security & Maintenance:

I will implement security measures, perform updates, backups, and monitor website health.

9. Client Collaboration & Project Management:

I will participate in meetings, understand client needs, and manage tasks using project tools.

Internship Plans (Expected):

| Weeks | Phase | Key Activities | Expected Outcomes |
|--------------|---|---|---|
| 1-2 | Orientation & Foundation | <ul style="list-style-type: none"> • Company introduction and team onboarding • WordPress fundamentals and installation • Setting up local development environment • Learning coding standards and best practices | Understanding of WordPress basics and agency workflows |
| 3-4 | Theme Customization & Design | <ul style="list-style-type: none"> • Modifying themes with CSS and layouts • Working with child themes • Implementing responsive design • Basic client branding tasks | Ability to customize themes and create responsive designs |
| 5-6 | Page Builders & Content Management | <ul style="list-style-type: none"> • Learning Elementor/Gutenberg • Creating homepages, service pages, and blogs • Managing content and optimizing images • Contributing to client projects | Proficiency in page builders and content creation |
| 7-8 | Plugin Integration & Custom Development | <ul style="list-style-type: none"> • Installing and configuring plugins (SEO, forms, security) • E-commerce setup with WooCommerce • Writing HTML, CSS, JavaScript, and PHP • Creating custom functionalities | Skills in plugin management and basic custom coding |

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|-------|--|---|--|
| 9-10 | Optimization, Testing & QA | <ul style="list-style-type: none"> • Website performance optimization • Implementing caching and SEO • Cross-browser and device testing • Debugging and fixing bugs | Competence in optimization and quality assurance |
| 11-12 | Security, Maintenance & Advanced Topics | <ul style="list-style-type: none"> • Implementing security measures and backups • Working with custom post types and hooks • WordPress REST API and migrations • Independent project completion and documentation | Advanced development skills and independent project handling |

Expected Outcome of Internship Activities:

1. Technical Skills Development

- Comprehensive understanding of WordPress installation, configuration, and management
- Proficiency in theme customization and responsive web design
- Expertise in using page builders like Elementor or Gutenberg
- Enhanced coding abilities in HTML, CSS, JavaScript, and PHP

2. Optimization and Quality Assurance

- Expertise in website speed and performance optimization techniques
- Application of SEO best practices for improved search rankings
- Competence in cross-browser and cross-device testing
- Skills in identifying, documenting, and fixing bugs

3. Security and Professional Practices

- Understanding of WordPress security measures and backup procedures
- Skills in regular maintenance, updates, and website monitoring
- Development of effective project management and collaboration abilities
- Improved communication skills with clients and team members

4. Career Readiness

- Portfolio of completed real-world client projects
- Practical industry experience bridging academic and professional work
- Preparation for entry-level WordPress development positions
- Mentorship-based insights into industry standards and best practices

References

- [1] "Tyakkai Solutions," 2024. [Online]. Available: <https://tyakkai.com/>.