Tribhuvan University

Faculty of Humanities and Social Sciences

A INTERNSHIP PROPOSAL
REPORT ON

WEB DEVELOPMENT WITH
LARAVEL

Submitted to

Department of Computer Application

D.A.V College

In partial fulfillment of the requirements for the Bachelors in Computer Application

Submitted by

Animesh Mahat (6-2-469-4-2019)

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INTRODUCTION

This internship proposal seeks to address the growing demand for skilled Laravel developers in response to the industry's shifting landscape. Because of its elegant syntax, expressive features, and efficient development workflow, Laravel has become a popular PHP framework. The entry level position is intended to furnish understudies from Tribhuvan College with an exhaustive and involved opportunity for growth in Laravel improvement, engaging them to meet the developing necessities of the business.

The field of web advancement is ceaselessly developing, and organizations today request modern web applications that are utilitarian as well as versatile and viable. Laravel, being at the front of current web advancement structures, offers an optimal stage for hopeful engineers to get the fundamental abilities and aptitude. This temporary job is made to drench understudies in the functional parts of Laravel improvement, overcoming any barrier between hypothetical information gained in homerooms and this present reality requests of the business.

PROBLEM STATEMENT

The contemporary web improvement biological system is seeing a flood popular for gifted Laravel designers. Despite the growing demand, there aren't enough professionals who know everything there is to know about Laravel. Businesses looking to use Laravel for their projects face difficulties as a result of this gap, which also limits the growth potential of aspiring developers who have not yet experienced the framework in action.

As a result, there is a clear discrepancy between the theoretical knowledge taught in academic settings and the skills needed in professional development settings. This entry level position proposition plans to address this test by giving understudies an organized and vivid involvement with Laravel improvement. By doing this, we want to give interns the skills and knowledge they need to not only meet the needs of the industry right now but also make a meaningful contribution to web application development innovation.

The overall issue, in this manner, is twofold: the need to bridge the gap between academic knowledge and industry needs, as well as the lack of skilled Laravel developers on the job market. This temporary position proposition is a proactive reaction to this test, imagining a complete opportunity for growth that adjusts scholarly meticulousness to genuine relevance. Through this program, we mean to create skilled Laravel engineers who can flawlessly incorporate into the business and add to the progression of web improvement rehearses.

OBJECTIVE

The primary objectives of this internship are as follows:

1. To familiarize interns with Laravel framework architecture and best practices.

2. To enhance interns' coding skills in PHP and Laravel-specific syntax.

3. To develop interns' ability to design, implement, and maintain web applications using Laravel.

4. To expose interns to collaborative development environments and version control systems.

DESCRIPTION OF INTERNSHIP (EXPECTED)

Interns will be involved in a real-world Laravel project, working on tasks such as:

1. Database design and management using Laravel's Eloquent ORM.

2. Building RESTful APIs and integrating them into web applications.

3. Implementing authentication and authorization mechanisms.

4. Optimizing application performance and troubleshooting issues.

5. Collaborating with team members using Git for version control.

INTERNSHIP PLAN

The internship will span a duration of [number of weeks/months], with the following outline:

1. Week 1-2: Introduction to Laravel fundamentals.

2. Week 3-4: Hands-on coding exercises to reinforce concepts.

3. Week 5-8: In-depth project work under the guidance of experienced mentors.

4. Week 9-12: Finalizing projects and knowledge sharing.

EXPECTED OUTCOMES

The expected outcomes of this internship are:

1. Demonstrate proficiency in Laravel development.

2. Successfully complete a real-world project.

3. Acquire practical experience in collaborative coding environments.

REFERENCES

Laracasts. (n.d.). *Laravel 8 from scratch*. Retrieved from Laracasts: https://laracasts.com/series/laravel-8-from-scratch

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