

Prashant Dhungana

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EXPERIENCE

October 2024 – Now

Software Engineer, *Elegant Media Australia*

- End to end development of 10+ scalable projects, architecting robust backend systems for mobile applications and enhancing CRM platforms through strategic bug resolution and feature integration.
- Integrations with critical third-party services including Twilio, Stripe, and various SDKs to extend application functionality.
- Delivered high-performance RESTful APIs consumed by dynamic Vue.js frontends, creating seamless user experiences.
- Pioneered an innovative automated bug detection system by implementing a YOLO AI model on a Raspberry Pi.
- Used AI development tools like Cursor, CodeX and Gemini for code generation and optimization, significantly increasing coding efficiency.
- Maintained Internal packages, fixed bugs and added support for AI agents.

April 2021 – February 2023

Mid-level Developer, *Nakshatra Techno Hub*

- Architected, developed, and maintained over 20 websites and web applications from concept to deployment in a fast-paced startup environment.
- Implemented and managed CI/CD pipelines to automate deployments, significantly reducing release cycles and improving development efficiency.
- Leveraged AWS for cloud hosting and infrastructure, ensuring scalability and high availability for all projects.
- Designed and integrated headless APIs and planned end to end systems based on specific client requirements, ensuring technical solutions aligned with business needs.
- Championed a Test Driven Development (TDD) methodology using PHPUnit to build robust, reliable, and well-tested applications.
- Automated repetitive backend tasks using custom Laravel Artisan commands and built dynamic, modern UIs with Livewire components.
- Contributed to the ecosystem by developing and working on a Filament PHP package to

accelerate admin panel development.

- Optimized development workflows and leveraged strong Linux fundamentals for server management and performance tuning.

October 2020 – March 2021

Junior Laravel Developer, *Cloud Tech Service*

- Developed and maintained 20+ RESTful APIs for a **US-based Insurance Management System**, enhancing data flow and system interoperability between core applications.
- Engineered interactive dashboards and a graphical search feature using Vue.js, which reduced user search time by approximately 30% and significantly improved data visualization and decision-making.
- Ensured API reliability and performance by conducting comprehensive testing and validation using Postman.
- Streamlined team onboarding and long-term maintenance by creating clear, comprehensive API documentation using Scribe.
- Accelerated the debugging and resolution of backend issues by effectively utilizing Laravel Debugbar.

June 2019 – September 2019

Intern, *Mero Network*

- Designed and built key CRM modules and features utilizing the MVC architecture, ensuring scalable and maintainable code.
- Optimized application code and database queries, leading to improved page load times and enhanced user experience.
- Strengthened software reliability by writing comprehensive test cases, proactively identifying bugs and implementing effective solutions.
- Collaborated effectively within a cross-functional team of 5 using Git/GitHub for version control, enabling efficient project management and seamless code integration.

EDUCATION

2017 - 2021

Bachelors in Science and Information Technology, Texas International College

SKILLS

PHP/Laravel
MySQL
Node.js

Python
Linux
SSH
Wordpress
YOLO Algorithm for Object Detection
Vue.js / React
Raspberry pi
Roboflow
TailwindCSS
TALL stack
AWS
FHIR
Open Source Contributor

PROJECTS I'M PROUD OF

[The Butcher Club app](#) (Laravel Backend)
[MMA - Melbourne Market](#) (Laravel+Blade)
[FSB and BSB Detection using Raspberry pi & YOLO](#)
[Khabarpati](#) (Laravel+Blade)
[The Bucketlist Nepal](#) (Laravel+Vue)
[Nakshatra](#) (Laravel+Blade)
[Property in Nepal](#) (Laravel+Vue)
[Matinee Filament Plugin](#) (Open Source Contribution)
[Filament World Clock Plugin](#) (Open Source Contribution)

REFERENCES

Available upon request