Sandeep Pant

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Summary

Senior Full-Stack Engineer with 5+ years of experience specializing in Web Application Development and Full-Stack Engineering. Expert in developing and maintaining robust enterprise systems using Laravel, Vue, PHP, and JavaScript. Proven track record in Database Optimization, microservices architecture, and high-performance RESTful API integration to solve complex architectural demands.

Work Experience

Senior Software Developer *August 2024 – Present*
MIDAS HEALTH SERVICES, NEPAL

- Lead backend development for enterprise hospital management software and architect the Blood Bank Microservice using Laravel and PHP.
- Maintain event-driven microservice synchronization using Apache Kafka and develop automated data transformers for national health analytics.
- Optimize system performance through database query profiling, MySQL query optimization, and Redis caching implementation.
- Develop complex Asset Management and Medical Records modules while mentoring junior developers in full-stack engineering best practices.

Laravel / Vue.js Developer *November 2023 – July 2024*
ONE WINDOW PVT. LTD., NEPAL

- Engineered full-stack features using Laravel and Vue.js for a social media management SaaS, ensuring seamless integration with TikTok and Facebook APIs.
- Developed secure RESTful APIs using Sanctum and optimized complex MySQL queries for high-performance analytics dashboards.
- Maintained and scaled existing application architecture to handle increased demand and complexity for cross-platform user interactions.
- Utilized Git for version control and collaborated on full-stack engineering sprints to deliver responsive frontend interfaces.

Laravel / Vue.js Developer *July 2023 – October 2023*
STUDIO MATRIX, NEPAL

- Refactored a legacy monolithic Core PHP platform into a modern, scalable Laravel architecture to support improved web application development standards.
- Optimized database schema migrations and MySQL configurations to enhance data retrieval speeds for e-commerce transactions.

- Maintained high code quality and consistency through systematic refactoring and adherence to full-stack engineering principles.
- Developed reusable frontend components in Vue.js to create a more responsive and modern user interface.

Laravel / Vue Developer *January 2022 – July 2023*
CYCLONE NEPAL INFOTECH, NEPAL

- Designed and delivered a full-scale HR platform using Laravel, Vue, and Alpine.js, incorporating complex payroll engines and attendance logs.
- Developed robust e-commerce and hospital appointment booking engines with AWS S3 image optimization and RESTful API integrations.
- Maintained and optimized web application performance for high-traffic clients like Chirayu Hospital and Helmets Nepal.
- Utilized Git workflows to manage multi-developer projects and ensure code integrity throughout the development lifecycle.

Mid-Level Laravel Developer *July 2020 – January 2022*
ALLPASAL PVT. LTD., NEPAL

- Built enterprise-grade inventory modules and RESTful APIs using Laravel to power the MS Manager mobile ecosystem.
- Developed advanced administrative tools including user impersonation and global search functionality using PHP and MySQL.
- Optimized backend services for the Mahasasto B2B platform to improve overall application responsiveness.
- Maintained secure data handling and optimized database interactions for large-scale inventory management.

Junior Laravel Developer *February 2019 – April 2020*
EDSON TECHNOLOGIES, NEPAL

- Engineered core reservation engines and hall booking algorithms using PHP and MySQL for high-demand banquet services.
- Developed granular RBAC permission models to ensure secure access control within web applications.
- Maintained and updated legacy web components while improving frontend interactivity with JavaScript.
- Optimized database queries for hall booking systems to enhance user experience and search speed.

Education

B.Sc. CSIT (Computer Science) in Computer Science *January 2019*
SIDDHANATH SCIENCE CAMPUS, TRIBHUVAN UNIVERSITY, NEPAL

12th Grade (Science) in Science *January 2013*
RADIANT HIGHER SECONDARY SCHOOL, NEPAL

Additional Skills

Technical Skills: Laravel, Vue, PHP, JavaScript (ES6+), MySQL, RESTful API, PostgreSQL, Node.js, Python, Eloquent ORM, Sanctum, PASSPORT, Websockets, AJAX

Tools & Platforms: AWS, Docker, Redis, Git, Kafka, AWS S3, Postman, Gitlab CI/CD, Tailwind CSS, Bootstrap, Quasar, Alpine.js

Methodologies & Domain Knowledge: Web Application Development, Full-Stack Engineering, Database Optimization, Microservices, Query Optimization, Profiling, Pest PHP, PHPUnit

Projects

Laravel Date Converter

Seamless AD (Gregorian) to BS (Bikram Sambat) date conversion package for Laravel

Technologies: PHP, Laravel

Laravel CRUD Generator

Artisan package generating API-ready models, migrations, controllers, and resources

Technologies: PHP 8.1+, Laravel 10+

References

- Dr. Tilmaya Dhakal (Kharel) - Campus Chief, Siddhanath Science Campus (info@snsc.tu.edu.np)
- Mr. Santosh Maharjan - Co-Founder & CEO, Cyclone Nepal Infotech (info@cninfotech.com)
- Mr. Harish Pant - Team Lead / Sr. Developer, One Window Pvt. Ltd. (pantharish120@gmail.com)
- Mr. Uddav Baniya - Team Lead / Sr. Developer, Midas Health Services (uddhav.baniya@midastechnologies.com.np)