

Lijesh Shakya

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[Portfolio](#) | [Linkedin](#) | [Github](#) | [Laracast](#)

SKILLS

Programming Language:	PHP, JavaScript, Python
Web Framework:	Laravel, Node.js, Frontend Frameworks
Version Control:	Git
Project Management Tool:	JIRA, Gantt chart, Smartsheet
Database:	MySQL, SQLite, Amazon Aurora, Eloquent ORM, PHP Tinker
Testing Framework:	PHPUnit, Laravel Dusk, Selenium
Operating System:	Ubuntu, Windows
Frontend Development:	HTML, CSS
JavaScript Library:	jQuery, jQuery UI, Angular, Vue.js, Nuxt JS
Frontend Web Framework:	Bootstrap, Materialize, Tailwind CSS
Package Dependency Manager:	Composer, npm, PyPI pip
Editor:	PHPStorm, Visual Studio Code, Sublime Text
Payment Gateway:	Braindigit, PayPal, SquareUp, Stripe, Payeezy, Authorize.Net
APIs and Services:	Google Map, Leaflet
FedEx API:	Authentication, Create Open Shipment, Determine Rate Calculation,

PROFESSIONAL EXPERIENCE

Dec 2020 - Jun 2022 - **Senior Software Engineer** – Intend Software, Kathmandu, Nepal

Technologies: HTML, CSS, JavaScript frameworks, JIRA, PHP, UI/UX Design

- Implemented a Support System for Clients with Enhanced UI/UX designs following current trends
- Conducted quality assurance for existing features and functionalities and Automated response for support queries unanswered within an hour.
- Worked on the Inventory management system for ZAK+FOX with integrated Payeezy and Authorize.Net for client payments.
- Developed a Shipping Matrix to calculate shipping rates based on location, weight, and services.
- Enabled batch printing for pending dispatch items.
- Generated reports for business performance analysis and decision-making.
- Added backorder placement for out-of-stock items and customized email templates with logging for administration.

Apr 2019 - Apr 2020 - **Software Engineer** – BMP Infology, Kathmandu, Nepal

Technologies: SOLID Principles, PHP, Laravel, Node.js, PayPal API, SquareUp API

- Continuous Integration on an Employee Management System implementing detail filtering for the attendance records, ensuring software quality adhering to SOLID principles.
- Software Quality Assurance Engineering on the a Food Delivery System, while developing black box, and white box using PHP Unit.
- Developed Project Management Information System (PMIS) project implementing role-based access, and SOLID principles using interfaces, abstract classes and repository patterns
- Implemented Web and API for Backend Developer for Braj Beauty, with Node JS, overlooking order management system and automation wallet integration.
- Integrated PayPal and SquareUp for Ticket Management System while developing dashboards and reports for event organizer
- Query optimization and database normalize for NTA (Nepal Telecom Authority), while Mapping the average signal strength, based on the requirements and operations of the NTA agency

Jul 2017- Feb 2019 - **Associate Software Engineer** – *Orgware Construct, Kathmandu, Nepal*

Technologies: Node.js, SQLite, TDD, HTML, CSS, JavaScript, WordPress

- Developed and maintained an agile application, Planet Fundraiser, with RESTful web services using JSON and JWT for authentication.
- Implemented Test Driven Development (TDD) with model factories, faker generators, and SQLite.
- Generated monthly, weekly, and daily reports using MySQL/Eloquent ORM per client requirements.
- Created dynamic API documentation using Swagger and Swagger UI.
- Adhered to software development best practices and web security standards.
- Designed, implemented, and enhanced web pages, plugins, and functionality.
- Leveraged emerging technologies to ensure site relevance and updates.

Feb 2017- Mar 2017 - **Intern Website Developer** – *Longtail e-media, Kathmandu, Nepal*

Technologies: HTML, CSS, JavaScript, WordPress

- Troubleshoot and debug code to ensure cross-device and cross-browser compatibility.
- Developed user interfaces using JavaScript frameworks, HTML5, and CSS3.
- Created mockups and wireframes for clients in the hospitality and travel sectors.
- Applied various design principles, including minimalistic and material design.
- Documented project changes for team reference and future use.
- Integrated PHPMailer for website email communication.
- Analyzed user requirements to align project goals with client needs.

PERSONAL PROJECTS

Notes Management System - Technologies: **Laravel**

- Developed a system to record student notes by chapter.

- Implemented TDD methodology.
- Enabled role-based access for CR, Teacher, and Super Admin.
- Performed CRUD operations on the web and API for chapters.

Location Recommender - Technologies: **Leaflet**

- Created a location info and recommendation system.
- Mapped stores and utilities with detailed info.
- Set up role-based access for data entry and admin tasks.

Project Link: [Hamro Guide](#)

Photo Management System - Technologies: **PHP, MySQL**

- Built a platform for users to download high-quality images.
- Optimized and organized image storage for photographers.
- Enabled photographers to manage their portfolios and view brief reports.
- Project Link: [Picaeon](#)

Matching Site - Technologies: **Geolocation, Stripe Payment**

- Developed a geosocial networking site for Japanese clients.
- Facilitated user recommendations based on preferences and location.
- Integrated Stripe for advanced bookings and automated reservation management.

Pawsome - Technologies: **iOS, API Development**

- Created APIs for connecting pet owners and walkers.
- Enabled notice creation for pet walks and live location tracking.
- Implemented chat and rating systems for interaction and feedback.
- Project Link: [Picaeon](#)

Event Anything - Technologies: **PHP, Google AdSense, API Integration**

- Developed a web app for event listing and categorization.
- Integrated APIs for mobile app support and implemented TDD.
- Set up dashboards and reports for event metrics.
- Implemented Google AdSense and third-party app integrations.
- Project Link: [Event Anything](#)

EDUCATION

Masters in Information Technology

Central Queensland University, Melbourne, Australia

BSc (Hons) Computing

Islington College, University of London Metropolitan, Nepal