

# Rupak Pudasaini

An Enthusiastic Full Stack Web Developer and a Lecturer.

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## EXPERIENCES

### 1. Laravel Web Developer, KTM RUSH PVT LTD

05/2021 – 02/2023

Worked as a Full Stack Laravel Developer.

Worked on more than 25 live projects including CMS, E-commerce, Travel Blog, and many more.

Responsibilities at KTM RUSH:

1. Writing clean and efficient code using Php, Laravel, JS, and others as per the requirement
2. R&D-Research and Development of new features into the system
3. Handling clients, Interviewing clients' requirements, and maintaining communication with clients
4. Developing Restful APIs
5. Training new Interns
6. Testing and evaluating new programs
7. Maintaining and upgrading existing systems

### 2. Part-time Computer Teacher, Shankharapur Polytechnic Institute (CTEVT)

09/2022 – 05/2023

Worked as a Part-Time Computer Science Teacher. Teaching for Diploma Level Engineering Students.

Responsibilities at SPI:

1. Planning and Preparing the Lecture Notes.
2. Teaching and Providing Technical Support to Students.
3. Assisting Students with Computer Applications and Programming in Computer Labs.
4. Encouraging Students.
5. Preparing Exams and Assessment.
6. Grading Papers and Test.

## SKILLS: Programming Language

Java, C++, Python, PHP/Laravel, MySQL / NoSQL, JavaScript (Node JS, Vue) HTML, CSS(Bootstrap, Tailwind)

## SKILLS: Tools & Environment

Visual Studio Code, Eclipse, MATLAB, MongoDB, Neo4J, Jupyter Notebook, Windows, Linux, SSH Client, Apache, Nginx

## SKILLS: Computing Application

Spreadsheet: Microsoft Excel, Google Sheets, Microsoft Powerpoint, MS Word, Notepad, Microsoft Access, Oracle MySQL, Command Prompt, Adobe Photoshop

### **3. Full Stack Web & App Developer, Clock b Business Technology**

08/2023 - Present

Working as a Full Stack Web & App Developer.

Responsibilities at Clock b Business Technology

1. Writing clean and efficient code using mainly Laravel, JavaScript, and others as per the requirement
2. R&D- Research and Development of new features into the system
3. Handling servers, updating, and maintaining the linux based server for various projects.
4. Developing Restful APIs and integrating it on Flutter Application
5. Deploying Websites and WebApps on Cpanels & Linux Based Server's using tools like Apache, HTTPD and NGINX
6. Testing and evaluating new programs
7. Maintaining and upgrading existing systems and codebase

### **OTHER EXPERIENCES**

#### **Freelance Web Developer, Nepus Farm PVT LTD**

2020/2021 - SYDNEY, AUSTRALIA

Worked on a company website development support project by using HTML, CSS (bootstrap) with CorePHP and MySQL.

#### **Founder/Full Stack Developer, Red Rubix Innovations**

2024 - Kathmandu, Nepal

Started a small startup freelance software company at [redrubixin.com](https://redrubixin.com)

### **EDUCATIONS**

#### **Manakamana Higher Sec School — (School Level Certificate SLC)**

Dakshin Dhoka, Kathmandu

03/2006 - 05/2016

**3.55 GPA**

#### **Texas International College— (+2, Science Stream)**

Mitrapark, Kathmandu

06/2016 - 06/2018

**2.88 CGPA**

#### **Nami College ( BSC Hons Software Engineering )**

Affiliated to University of Northampton, UK (2018-2021)

**UK First-Class Grade**

## Major Academic Projects

### 1. Group Project – University Management System

**Platform:** Web-based Application

**Front-end:** HTML, CSS, JS, BOOTSTRAP

**Back-end:** CorePHP

**Database:** MySQL

#### Work

Designing the system – 70% Contribution

Assigning work to group member

Documentation and Coding – 40% Contribution

Testing and Evaluation – 80% Contribution

### 2. Dissertation – Enhancing E-Governance System (Department of Physical Infrastructure and Transportation)

**Platform:** Web-based Responsive Application

**Front-end:** HTML, CSS, JS, BOOTSTRAP, JQuery

**Back-end:** CorePHP (MVC Architecture)

**Database:** MySQL

#### Features

- Add, Edit, View and Delete operation (Vehicles, License, Forms, News, Staff, Department etc.)
- Online fill-up and registration forms for license form, vehicle registration forms etc.
- Search, Filter Records & Pagination.
- Admin/ Staff verification and validation of general public applied service.
- Announcement of various services through Email Notification.
- Online Payment services using Khalti Payment Integration API.
- Database record in downloadable PDF format using FPDF library.

## Some Other Academic Projects

1. Fotheby's Auction House System (Core PHP, MySQL, JS)
2. Audio Annotator Application in Matlab
3. Traffic Sign Recognition Module Using Machine Learning
4. Face Recognition Using Deep Learning and Open CV
5. House Rental System in JAVA and SQL
6. Arrow Shooter Game in JavaScript