**Ajay Dhakal**

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**Kathmandu, Nepal**

Seeking to advance a growing tech career as a Software Developer, coming with more than 2 years’ experience in developing application, analysis, design, testing, debugging, and maintenance techniques and practices.

# SKILLS

## Programming Languages

Ruby, PHP, JavaScript

## Frameworks

Rails, Laravel, Express

## Database

MySql, MsSql, Pgsql, MongoDB

## Project Management

CI/CD, TDD, Git, Bitbucket, Docker.

## Language

Nepali -Native

English -Proficient

Hindi - Fluent

# EDUCATION

**Tinau Technical College**

**Tribhuvan University**

YEAR 2014 - YEAR 2019

Graduate in Computer science

**Oxford English Boarding Higher Secondary School**

**Higher Secondary Education Board**

Graduated in 2014

# EXPERIENCE

## Kotuko, Italy (Remote)— *Web Developer*

### **JULY 2019 - PRESENT**

Analyzing the system requirements specifications and analysis, and process improvement.

Working in the database design and development and system development phases of the application using the ROR framework.

We used html5 and CSS and sass along with the erb template for front-end design and development.

Using webpacker to manage JavaScript and assets in newer projects.

Developed implementing TDD using FactoryBot and RSpec and implemented CI/CD using bitbucket pipelines.

Developed Video Conferencing platform using Jitsi meet, and chat system using Rails Action Cable.

Worked on implementing location-based services to allow users to find the closest location.

Developed restful api’s for various applications.

Worked on various multi language applications.

Worked on implementing payment service using Paypal, Stripe and Escrow.

Push Notification implemented using Firebase Cloud Messaging and One Signal.

## Young Minds Creation (P) Ltd., Kathmandu Nepal— *Web Developer*

youngminds.com.np

### **Feb 2018 - June 2019**

Consult with project managers, business analysts and development teams on application development.

Worked on database design and development, and system development of enterprise applications using Laravel, LAMP technologies, JavaScript, jQuery, CSS and bootstrap.

Developed front-end components based on provided design using html, CSS, jQuery, bootstrap along with blade template.

Provide technical problem resolution for complex problems.

Developed CMS components.

Developed implementing TDD using PHPUnit.

# PROJECTS

**Project**: Freelance Platform for UI/UX.

**Main Project features**:

This project is a freelancing platform for designers and artists in European market. This project is built with multi language support. The objective of this application is to enable customers to post a job related to design and various UI/UX artists can apply for jobs. Messaging system is implemented so that customers and artists/designers can have their private discussion.  Artists can be paid inside the system or outside as per request. Customers can stop payment if the artist/designer cannot complete the job on specified timeline. While an artist's pay for a job is secured by the platform itself.

**Used**: Ruby On Rails, PgSql, Stripe Api, Sidekiq, Redis, FCM,  Bootstrap, Bitbucket, Html, CSS, JavaScript

**Activities performed**: System Design, Database Design and Development, Api Development

**Project**: Videoconferencing Platform for travel agencies.

**Main Project features**:

This project is a video conferencing platform for travel agencies. As this project was targeted for all European markets, different language support was included. Here clients can see the available agent and can either book a meeting or have a video conference if the agent is readily available. System will log Agent’s work hours, meetings and requested meetings. Email is scheduled in application so agents and clients will be notified ahead of meet time.

**Used**: Ruby on Rails, PgSql, Jitsi Api, Action Cable, Resque, Redis, FCM, Bootstrap, Bitbucket, Html, CSS, JavaScript

**Activities performed**: System Design, Database Design and Development, Api Development

**Project**: Platform to test cosmetic products.

**Main Project features**:

The objective of this project is to enable volunteers to be able to test various cosmetic products and be able to report the current finding from their home, without need to visit on site. Here various verified volunteers are registered in the system. Later they are sent an invitation for the testing of cosmetic products. If an invitation is accepted, Volunteers will receive the product and after testing products, they need to report their finding as specified, through a mobile device. Later they can receive partial or complete payment, as per percentage of tests completed.

**Used**: Ruby on Rails, PgSql, Resque, Redis, FCM, Bootstrap, Bitbucket, Html, CSS, JavaScript

**Activities performed**: System Design, Database Design and Development, Api Development

**Project**: Travel Guide app.

**Main Project features**:

The objective of this project is to have a platform where tourists can seek a guide who is doing various activities and request for tour or other activity. In the System while guides need to be verified and only can be registered by platform admins, Tourists can register using mobile app only. Guides can add various activities on their profile. While users can sort guides on the basis of activity and location. Inside the system using mobile app tourists and guides can create offers, accept payment, reject offers, have private conversations and block users. System has a function to send notification to all available customers in cases of emergencies and also about new offers and activities

**Used**: Ruby on Rails, PgSql, Resque, Redis, FCM, PayPal SDK, Bootstrap, Bitbucket, Html, CSS, JavaScript

**Activities performed**: System Design, Database Design and Development, System Development, Api Development

**Project**: Missing and Found Person Central Database System

**Main Project features**:

This is a centralized database system and runs in Nepal Police Intranet System. This system can run from the Nepali Police 198 Police Unit.  Missing and Found Person Central Database system's main objective is to keep the records of missing and found persons from all over Nepal.  This system restricts duplicate data entry and data can be shared with other police units easily. Different types of reports can be generated.

**Used**: Laravel, MySQL, jQuery, JavaScript, Bootstrap, Bitbucket

**Activities performed**: Database Design and Development, System Development

**Project:** Unidentified Dead Body Database Management System

**Main Project features**:  This is also a centralized database Management System and runs into Nepal Police Intranet System. This system's main objective is to keep the records of Unidentified Dead body information. The Dead body database system has been designed and developed to keep the record of Dead Body personal information, address details, related files and documents, DNA Details etc. We can generate the different types of report as per the Nepal Police Needed

**Used**: Laravel, MySQL, jQuery, JavaScript, Bootstrap, Bitbucket

**Activities performed**: System Design, Database Design and Development, System Development

**Project:** Personal Information System:

This system's main objective is to maintain and manage all the demographic and service profiles of employees. PIS has been designed to keep personal information, job history record, promotion record, visit record and training and education record.

**Used**: Laravel, MySQL, jQuery, JavaScript, Bootstrap, Bitbucket

**Activities performed**:  System Design, Database Design and Development, System Development