

## Santosh Thapa Magar

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## EDUCATION

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**Pokhara University, Nepal College of Information Technology [NCIT]** Kathmandu, NP

Bachelor of Engineering in Information Technology

Sep 2015 – Sep 2019

CGPA=3.26

**Canvas International Higher Secondary School**

Kathmandu, NP

Higher Secondary Education Board (HSEB), Science

2013 - 2015

First Division 73.30%

**Damauli Higher Secondary School**

Tanahun, NP

Government of Nepal, School Leaving Certificate (SLC)

2013

First Division with Distinction 80.50%

## Work Experience

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Different fiverr project <https://www.fiverr.com/santoshtmp>

Self php project on "[ausadipasal](#)"

**Software Engineer II at [YoungInnovation](#)**

Jul 2022 -

- Configure moodle and wordpress sites.
- Customize/develop moodle and wordpress plugin, theme, API and other functions.
- Manage project backend structure.
- Manage and divide the project task within the team member to complete it.

**Software Engineer I (e-Learning) at [YoungInnovation](#)**

Jul 2021 -

- Configure moodle site administration.
- Customize/develop necessary moodle plugin and theme.

- Manage moodle website course structure and users roles.
- Develop SCORM, H5P eLearning and other activity.
- Develop document and give guideline on using LMS sites.

### **Moodle LMS at [Danson Solution](#)**

Oct 2020 -

- Configure [chimpvine](#) moodle site administration, along with users permission, course setting and other.
- Configure plugin, theme and site settings, also modify moodle block layout using CSS, HTML, JS and PHP.
- Develop h5p, pages, quizzes, assignment and many more interactive eLearning content.
- Manage LMS site, user and course reports.
- Develop document and give guideline on using LMS sites.

### **Internship at [Open My Network](#)**

Aug 2020 -

- OMN website testing for usability and functionality issues then create FRD to improve the system.
- Learn and gather knowledge on Figma prototype.
- Manual test on chatbot that could answer student queries which was develop on Python RASA framework.

## **Skill**

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- Knowledge of PHP, HTML, CSS, Javascript.
- Knowledge of Python Programming with Jupyter Notebook.
- Database MySQL.
- Code management system Git.
- LMS [Moodle](#) backend development.
- CMS [Wordpress](#) backend development
- Familiar with laravel / codeigniter CI PHP web framework.
- Familiar with Moodle APIs
- Course ceration tool [h5p](#) and [captivate](#).
- MS-Word, Excel, PowerPoint.

## **Courses Taken**

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- Data Science and Machine Learning in Python, Deerwalk Training Center, Kathmandu.
- Infinite Scroll Project, [udemy](#)
- Moodle 3.0X Development and Administration, [udemy](#)
- Moodle Plugins, [udemy](#)
- Custom Block in moodle, [udemy](#)

## Wordpress Project Overview

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- Care Nepal <https://carenepal.org> 2023 –
- Implemented WP FSE theme and ACF to manage different fields.
  - Implemented leaflet map feature.
- OSC <https://osc.yipl.net/> <https://www.open-spending.eu/> 2023 –
- This is a wordpress site to publish news, resources and other information of **Open Spending EU Coalition**
  - Wp FSE is used to manage pages.
- NMWWS <https://nmwws.org.np/> 2022 –
- This is the site to publish news & resources of **Nepal Muslim Women Welfare Society**.
  - Here we have used element to create and manage pages

## LMS Moodle Project Overview

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- CSC Skill lab LMS <https://lms.csc.yipl.net/> Jul 2023 –
- CSC skill lab lms is the e-learning portal for <https://careerservicelab.com/>
  - In this project I have implemented custom theme which will handle all the changes. As the lms need to connect with its main site which is performed by moodle web service API. Both site consist of single login and signup section.
  - All the user progress and courses report are send to the csc site through API. So in order to maintain lms status and user action moodle event are observed and perform relevant actions.
  - As moodle don't provide clean url and routing. I have developed the clean routing for custom pages.
- W+ LMS <https://wpluslms.yipl.net/> Jul 2023 –
- W+ lms is the e-learning portal for <https://www.wplus.org/>. Where we have created custom theme and course format.
  - The additional section and home page, about us page, contact us page, FAQ are managed through theme and the content in this section can be customized through admin section.
  - In the lms we have also integrated payment system as user are enrolled self in the course through paypal payment system

NDRRMA LMS <https://elearning.ndrrma.gov.np/> 2022 –

- NDRRMA's e-Learning Platform is based on Moodle LMS, where we have created a custom theme. As this is a Nepal government site which required Nepali and English language switch model.
- By default additional pages content can't be customized but we have added the function to fully customize the content through admin section.
- In NDRRMA LMS the customized pages are home page, course page, category page, course inner page, profile page, login, signup page and many other sections.
- Here, the course content is developed in SCORM format which is created through Captivate. This course content is user friendly and interactive with different slides, images, audio, video and quizzes.
- I have also developed the custom report and analysis dashboard to overview the course and course progress.

**EELMS LMS** <https://eelms-ces.ioe.edu.np/>

2022 –

- EELMS LMS is based on Moodle LMS, where we have used Edumy themes.
- Here we have two types of courses: Self Paced and Instructor Based.
- In self-paced courses user can enroll them self and get the certificate on completion, whereas in instructor-based course instructor/admin enrolls the user to the particular course.
- Here the course content is developed in H5P and SCORM package, which are user interactive content along with assignment and quizzes.

**IA LMS** <https://elearnptco.p1.gov.np/>

2022 –

**NASC LMS** <https://nasclms.yipl.net/>

2021 –

**Chimpvine NP LMS** <https://np.chimpvine.com/>

2020 –

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