



# SANDESH KHATIWADA

Software Engineer



## SKILLS

• Javascript



• NodeJS



• Postman



• SQL



• Linux



• ExpressJS



• Git and Github



• MongoDB



• CSS



• Python



## CONTACT ME



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linkedin.com/in/the-mayguy/



<https://github.com/sandesh-theMayGuy>



<https://github.com/sandesh-khatiwada>



## SUMMARY

Computer Science enthusiast with passion for Programming, Software Engineering and things surrounding it. I primarily work with Javascript but also proficient in languages like Python, PHP, C, and C++.



## WORK EXPERIENCE

### VOLUNTEER

April, 2022 - Present

#### Nepal Open Source Klub (NOSK) , Kathmandu, Nepal

Nepal Open Source Klub(NOSK) is an open community club where we discuss Open Source Culture, Free and Open Source Software (FOSS), Programming and encourage learning in public.

As a part of the community, I have:

1. **Volunteered in organizing various tech events to promote FOSS**
2. **Created awareness on using and contributing to Open Source Software.**

<https://www.nosk.club>



## ACADEMY

## Nepal College Of Information Technology (NCIT) , Kathmandu

Currently persuing Bachelor of Engineering in Information Technology (BE IT) at Nepal College of Information Technology (NCIT) affiliated to Pokhara University.



## PROJECTS

### RojgarNepal- A web based Freelancing Platform

RojgarNepal is a comprehensive web-based freelancing platform, developed as a Minor Project for my undergraduate Engineering course, utilizing the MERN (MySQL, Express, React, Node) stack.

As a key member of the development team, I have:

1. **Implemented a robust RESTful API using ExpressJS.**
2. **Implemented Token Based Authentication using jsonwebtoken.**
3. **Designed and optimized a scalable database schema with MySQL.**
4. **Utilized Sequelize ORM to interact with SQL database.**
4. **Integrated a real-time chat application leveraging Socket.IO.**
5. **Integrated the eSewa payment gateway to streamline the payment process.**
6. **Developed key features such as Reviews and Ratings, and the Booking system.**

<https://github.com/sandesh-khatiwada/RojgarNepal>

### Real Time Chat Application using socket.io

A real-time chat application developed using Node.js, Socket.IO to enable live messaging between users.

In this project, I have:

1. **Implemented real-time bi-directional communication using Socket.IO.**
2. **Integrated Node.js server with Socket.IO to broadcast messages to active chat rooms.**
3. **Worked on user interface enhancements to improve the overall chat experience and ensure responsiveness.**

<https://github.com/sandesh-theMayGuy/ChatApp-socket.io->

### KothaChaiyo- An Accomodating Finding Platform

Kotha Chaiyo is a web based accomodation finding application developed using HTML,CSS and JS in the frontend and PHP in the backend.

As a key member of the development team, I have:

1. **Implemented Session based Authentication and role-based Authorization in PHP.**
2. **Implemented server side logic for vacant Room/Flat announcement feature,**
3. **Integrated map and location marking functionality on the client side.**
4. **Worked on frontend of the application to ensure responsiveness and cross browser compatibility**

<https://github.com/KothaChaiyo/KothaChaiyo>