

# Bedagya Raj Joshi

Software Engineer

Bhagal, Buddhanilkantha  
Kathmandu, 44600  
Nepal  
Driving License: A, B

## WORK EXPERIENCE

### City Pay Pvt. Ltd, Kamaladi — Intern

November 2023 - February 2024

Worked as an intern in City Pay Pvt. Ltd. During the time I performed tasks like QA and Testing, Graphics Design, Video Editing. I also built the company website on React and integrated Sanity CMS. Worked on website vulnerability analysis and penetration testing as well as web hosting.

## EDUCATION

### Meridian International School, Baluwatar — S.E.E.

Aug 2007 - July 2017

### D.A.V., Lalitpur — N.E.B.

Sep 2017 - Sep 2019

### Deerwalk Institute of Technology, Sifal — Bachelors

Nov 2019 - Present

Subjects studied: Java, C programming, HTML/CSS, Python, Web Design, System Analysis and Design, Data Structures and Algorithm, AI, Linux, CyberSecurity.

## PROJECTS

### Python Automation

I made some simple projects for myself where I learned concepts in python like time function utilization to automate the task on given time and web automation to open, close and use the elements of the website.

### Budget Keeper

I made a project for myself to handle my budget and I learned some key concepts like date handling to add the salary balance to the total balance on the given date of each month automatically. Also, I learned to handle the database since I used SQLite.

### Employee Management System

This project helped me to learn the python GUI and CRUD operations, especially TKinter. I grasped the essentials of UI components, layout design, and user interaction which are crucial for developing intuitive applications.

### Movie Recommendation System

This project improved my Python skills, applying them to files via imports. I utilized algorithms like cosine similarity and TF-IDF Vectorization for machine learning on a movie dataset. Web APIs handled image processing, while Streamlit facilitated visualization and user interaction. I filtered data and implemented a random function for movie suggestions.

## Socials

### Phone No:

(+977) 9844131555

### Email:

bedagyawork@gmail.com

### GitHub:

<https://github.com/Bedagya-Joshi>

### LinkedIn:

<linkedin.com/in/bedagya-raj-joshi-936b80229>

## SKILLS

Python  
Cyber Security  
Linux  
React  
JavaScript  
Java  
UI/UX  
Networking

## ACHIEVEMENTS

Participated in the 6th FINA Junior World Championships, Indianapolis, USA in July 2017.

Participated in the 7th FINA Junior World Championships, Budapest, Hungary in August 2019.

Participated in the 10th Asian Age Group Championships, Bangalore, India in September 2019.

National Gold Medalist in various National Games and Inter School Swimming Competitions.

## LANGUAGES

English  
Nepali