

# Yug Adhikari

CS student

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## Profile

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I am a Computer science and data science student passionate about AI, data science, real world applications and problem solving. Skilled in Python, Django, and machine learning, with experience in backend development and data analytics. Always eager to learn and innovate.

## Professional Experience

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<b>Board Member, SSRC</b> Serving as a key liaison between students and the administration, ensuring student voices were heard in critical decision making processes.	12/2024 – present Kathmandu, Nepal
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## Skills

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**Python Programming** — Proficient  
File handling, OOPs, DSA

**Microsoft-Office** — Competent  
Word, excel, powerpoint

**Graphics Design** — Competent  
Desingning logos, posters and reels

**Communication** — Proficient  
Interpersonal, Public speaking

**Django** — Competent  
Django ORM, Authentication & Authorization, Form Handling etc.

**Data Visualization** — Competent  
Matplotlib, Seaborn

**Presentation** — Proficient  
Canva, Powerpoint, Adobe presentation maker

## Education

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<b>BSc (Hons) Computer Science with Artificial Intelligence (Faculty of Computing, Engineering and the Built Environment ), Sunway College</b>	09/2024 – present Kathmandu, Nepal
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<b>School Leaving Certificate (+2), Global College of Management</b>	2022 – 2024 Kathmandu, Nepal
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## Workshop

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<b>Data fellow, Data camp</b> I got the opportunity to get free access to Data camp account through SSRC via which I got to learn various premium courses for free such as Machine learning, Data Visualization, NLP, and many more. It is truly helping me for the growth and development in my professional career.	01/2025 – present
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<b>Public Speaking Workshop, Public Speaking Academy Nepal</b> It was a 15-days public speaking workshop orgeanized by Public speaking academy Nepal, I took in order for my personal growth and development. In this workshop I got to learn about various skills such as persuadation, communication, content delivery and self-branding which was a great opportunity for me.	05/2020 – 05/2020
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## Projects

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### **AI-Based Resume screening with job Matching, *Job suggestion tool by CV tracking***

The main idea of this project is to remove the pressure of job finding for people seeking for jobs, with the help of ML we are looking to provide suggestions of all the available jobs based on the skill, projects and experience they have mentioned in their CV provided to us.

### **Hospital Management System, *CRUD system***

This was basically a hospital management system (CRUD) which basically was created to test my OOPs and inheritance knowledge which helped to add doctors, patients and create overallly helping me knowing python a lot more.

### **Smart Wastage Management system, *IoT project***

Internet of Things (IoT) based smart community dustbin which has capability of monitoring moisture, level of wastage inside of it and also automatic lid which works by sensing the motion. Key components used include the Arduino Uno R3, moisture sensor, potentiometer, and ESP8266 Wi-Fi module, ensuring real-time data transfer for remote control via a mobile app.

### **Divine Project, *Website design and development***

This project was basically about creating a website for a imaginary website named "divine" studying the design and development aspects and also knowing the impact of different color combinations and design for the consumer point of view.

## References

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**Sanket Shrestha**, *Vice President*, Sunway Student Representative Council  
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**Udit Kumar Mahato**, *AI Researcher*, Sunway College  
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