

# Anushna Chaulagain

Mid Baneshwor, Kathmandu | [anushnachaulagain@gmail.com](mailto:anushnachaulagain@gmail.com) | +977- 9861571677 |

[Linkedin](#) | [Github](#) | [Kaggle](#)

## Summary

Data Science student at Sunway College with expertise in Python, Java, SQL, and IoT systems. Experienced in data-driven applications and robotics, I'm eager to apply my skills in an internship, gain practical experience, and contribute to impactful projects while growing alongside industry professionals.

## Education

- Sunway College**, BSc (Hons) in Computer and Data Science (2nd year completed) March 2023 – Present
- Trinity International College**, Cambridge Alevels, Computer Science Major 2019 – 2021
- Occidental Public School** 2016 – 2019

## Work Experience

### Supervisor, Intelligent Image Management (IIMI)

March 2023 – January 2024

- Supervised and managed a team of data entry operators to ensure accuracy and efficiency in data processing tasks.
- Conducted quality control checks to maintain high standards of data integrity.
- Organized team schedules and delegated tasks to meet tight deadlines.
- Provided training and support to team members, enhancing productivity and performance.

### Research Intern, Brainycube Research Organisation

October 2021 – April 2023

- Designed and developed various IoT devices for automation and control.
- Prepared technical documentation for the developed systems.
- Participated in national and international robotics competitions.
- Organised Nepal Youth Science Summit

## Technical Skills

- Python Programming**
- R Programming**
- Data Visualisation**
- Research and Analysis**
- Web Development:** HTML, CSS, JavaScript, React, Bootstrap, jQuery
- Data Analysis:** Pandas, Numpy
- Database Management:** MySQL
- Machine Learning:** Scikit-Learn, Keras
- Version Control:** Git, Github
- PowerBI**
- Office Suite:** MS Word, PowerPoint
- Robotics and IoT:** Raspberry Pi, Arduino, ESP microcontrollers
- Multimedia Editing:** Adobe Premiere Pro, Adobe Photoshop

## Soft Skills

- Leadership
- Team Collaboration and Conflict Resolution
- Critical Thinking and Problem Solving
- Effective Communication and Active Listening
- Time Management and Multi-tasking
- Adaptability and Resilience
- Creativity and Innovation

## Projects

- Bank Customer Churn Prediction**  
Developed a customer churn prediction model for a bank using Python, Scikit-learn, and Pandas, focusing on data preprocessing, feature engineering, and model evaluation to enhance retention strategies.
- Udemy courses Data Analysis**

Analyzed Udemey course data using R, leveraging dplyr for data wrangling and ggplot2 for visualizations to uncover trends in pricing, ratings, and enrollments, delivering actionable insights.

### 3. Flight Management System

Developed a flight management system in Java, utilizing OOP, file handling, and exception management to manage schedules, bookings, and passenger details efficiently.

### 4. House Rental System

Designed and developed a house rental system with HTML, CSS, JavaScript, Bootstrap, and SQL, featuring responsive interfaces for property listings and search, with SQL ensuring seamless data management and booking functionality.

### 5. Hospital Management System

Developed a hospital management system using Python to manage patient records, doctor schedules,

and appointment bookings. Utilized Python libraries for data handling and GUI development, ensuring an intuitive interface and efficient data processing for streamlined hospital operations.

### 6. Portfolio Website

Designed and built a responsive portfolio website using React to showcase projects, skills, and experience. Implemented reusable components, dynamic routing, and interactive UI elements to create a modern and engaging user experience.

### 7. Line Following Waiter Robot

Engineered a line-following robot using Arduino, equipped with sensors to follow predefined paths. Integrated a custom app built with MIT App Inventor, allowing customers to input commands, enabling the robot to navigate to specific tables and serve efficiently.

## Fellowship and Non-Credit Courses

1. Data Camp (August 2023 – August 2024)
2. Cyber Security by CAN (2023)
3. Probability and Statistics, Data Analysis with python, Git and Github (2024)
4. Linear Algebra, Machine Learning, PowerBI

5. AWS Certified Solution Architect Associate (December 2024 – Present)

## Certificates and Awards

1. Introduction to Cyber Security by Cisco
2. Introduction to Web Development by Freecodecamp
3. Python, Introduction to Machine Learning by Kaggle
4. Data Analysis, SQL, Data Science, Pandas, Data Visualisation by Data Camp

5. Enterprise Design Thinking by IBM
6. Bronze Medalist at 4<sup>th</sup> Nepal Youth Science Summit (NYSS)

## Volunteer Experience

1. Vice President at Sunway Student Representative Council (SSRC)
2. Supervised at 5<sup>th</sup> Nepal Youth Science Summit (NYSS)

June 2024 – Present  
August 2022

## Test Score

1. PTE (15/03/2023)

Overall - 70

- Listening – 80
- Speaking – 86
- Reading – 69
- Writing – 65

2. SAT (01/10/2022)

Overall – 1240

- Evidence-Based Reading and Writing Score – 520
- Math Score – 720

## References

Khushal Regmi- Director  
Sunway College, Maitidevi, Kathmandu  
+977 9841-275397  
kushal@sunway.edu.np

Rajan Adhikari- Lecturer  
Sunway College, Maitidevi, Kathmandu  
+977 9851-245288  
rajan.sunway@gmail.com