

# Aayusha Shrestha

Kuleshwor, Kathmandu

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I'm a final-year IT student passionate about backend development. I have a strong interest in databases, APIs, and backend frameworks.

## EDUCATION

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### **Bachelor of Science in Information Technology (BSc.IT)**

*Techspire College* | Sep 2023 – Present

### **High School (Management)**

*Kathmandu Bernhardt College* | 2020 – 2022

GPA : 3.75

## EXPERIENCE

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### **Internship Trainee**

*Code Himalaya, Kupundole* | Dec 2024 – Mar 2025

- Developed REST APIs using Spring Boot for Student Management System
- Implemented CRUD operations with JPA and H2 database
- Used Git for version control and collaborative development
- Debugged and fixed application issues in Java backend

### **Class Representative**

*Kathmandu Bernhardt College, Balkhu* | 2020 – 2022

- Organized 5+ college events and coordinated communication between 20+ students and faculty.
- Mentored junior students and maintained academic discipline within the class.
- Strengthened leadership and conflict-resolution skills through team collaboration.

### **Volunteer**

*KEC, Kathmandu* | 2023

- Supported event logistics for 200+ attendees, ensuring smooth operations during academic programs.
- Strengthened interpersonal and problem-solving skills by addressing visitor needs and handling real-time challenges.

## PROJECTS

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## Java Projects

- **Library Management System:** Designed a console-based system for book issue/return tracking with admin controls.  
Link: [GitHub](#)
- **Student Management System:** Built CRUD operations for student data using OOP and modular Java design.  
Link: [GitHub](#)
- **Banking System:** Simulated basic banking operations (deposit, withdraw, transfer) with account validation.  
Link: [GitHub](#)

## Python Projects

- **Expense Tracker:** Built a simple console app for daily expense logging and report generation.  
Link: [GitHub](#)
- **Simple Chatbot:** Implemented basic NLP logic for automated text responses.  
Link: [GitHub](#)
- **Pomodoro Timer:** Created a productivity timer with session and break tracking.  
Link: [GitHub](#)
- **Test Management System:** Designed quiz creation and result storage functionality.  
Link: [GitHub](#)

## SKILLS

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**Technical Skills:** Java, Python, HTML, CSS, Spring Boot (Beginner), Git, GitHub,

**Soft Skills:** Team Collaboration, Adaptability, Time Management, Problem Solving, Communication, Leadership

## CERTIFICATIONS

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- Learn Java Basics | Programiz | 2025
- Learn Java OOP | Programiz | 2025
- Learn Java Intermediate | Programiz | 2025