

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

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

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

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

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

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

CERTIFICATIONS

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