

# Abhisek Upadhyay

Aspiring Backend Developer

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## Profile

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A driven final-year BIT student with a strong interest in back-end development, including API design, database management, and web technologies. Looking for an internship to apply knowledge in JAVA, Python, and SQL to real-world projects and continue growth as a developer.

## Technologies

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**Programming Languages:** Java, Python, JavaScript, PHP, HTML, CSS, C++, C

**Web Technologies:** Spring Boot, Flask

**Database:** MySQL, SQLite

**Machine Learning:** scikit-learn

**Version Control:** GitHub

## Education

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Kantipur City College, Bachelors in Information Technology 2022 – 2026

• **Coursework:** Computer Architecture, Data Structure and Algorithm, Artificial Intelligence, Software Engineering

Global School of Science, +2, NEB 2021

Kanjirowa National School, SEE, NEB 2019

## Projects

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**Payroll System** [Github](#)

- Developed the entire system using JAVA for backend logic and MySQL for data schema, implementing custom payroll and tax calculations, and enabling attendance CSV imports and PDF report generation.
- Language: Java
- Database: MySQL

**Full Stack Website** [Github](#)

- Built the full-stack web application, designing the front-end with HTML, CSS, and JavaScript, and creating the back-end with PHP and MySQL for user authentication and job listing management
- Addressed security vulnerabilities from the OWASP Top 10 by implementing industry-standard practices such as input sanitation, parameterized queries, secure authentication methods, and access control to ensure the application's security.
- Front-End: HTML, CSS, JavaScript
- Back-End: PHP
- Database: MySQL

**Helicopter Game** 2022

- Developed the core game mechanics with 2D graphics and collision detection, implementing a smooth game loop for real-time interaction.
- Language: C++

## Soft Skills

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- **Problem Solving:** Quickly able to solve problems with logical and analytical thinking.
- **Collaboration:** Experienced in working with others to achieve common goals.
- **Multitasking:** Capable of managing multiple tasks at a time, Managing efficiently to meet deadlines.
- **Quick to learn:** Fast to adapt to new technologies and tools, with a strong ability to grasp and apply concepts effectively.
- **Eagerness to Learn:** Highly motivated to acquire new skills and knowledge, with a proactive approach to self-improvement and professional growth.