

Aarav Bhattarai

Website: [LINK](#)

Address: Lalitpur, Tikathali – 5

Email ID: utsavbhattarai29@gmail.com

Contact Number: 9813217337

Linked In ID: [Aarav Bhattarai](#)

1. Career Objective:

Motivated individual with experience in Java, Python, C#, database management, and web application development, Django. Seeking an opportunity to apply technical and problem-solving skills in a software development role while gaining practical industry experience and contributing to innovative projects.

2. Educational Background:

- **BSc (Hons) Computing** **2024 - Present**
Islington College
London Metropolitan University
Kamal Marg, Kamalpokhari, Kathmandu
- **SLC** **2022 - 2024**
Prasadi Academy
NEB
Lagankhel, Lalitpur
- **SEE** **2022**
KMC School
PABSON
Buddhanagar, Kathmandu

3. Work Experience:

- **Lead Computer Operator** **June 2021 – August 2021**
United World Manpower
- **Web Content Writer** **December 2024 – February 2025**
Rosso Education Services
- **Intern** **June 2025 – August 2025**
Softshala Nepal Pvt Ltd
- **UI/UX Developer** **July 2025 – September 2025**
Yarsarooms

4. Skills:

➤ Technical Skills:

1. Programming Languages

- Java
- Python
- C#
- JavaScript
- HTML5
- CSS3
- SQL

2. Frameworks & Technologies

- Jakarta Servlet/JSP
- ASP.NET / .NET
- Laravel
- React.js
- Django

3. Database Management

- MySQL
- Database Design
- SQL Query Writing
- CRUD Operations
- Database Connectivity (JDBC)

4. Software Development

- Object-Oriented Programming (OOP)
- Data Structures and Algorithms
- MVC Architecture
- Session Management
- Authentication & Authorization
- Inventory Management Systems Development
- Full-Stack Web Application Development

5. Development Tools

- Git
- GitHub
- IntelliJ IDEA
- Visual Studio Code
- XAMPP
- Linux (Ubuntu)
- Power BI
- Other Technical Skills
- Debugging and Troubleshooting
- Software Testing
- API Integration
- File Handling
- Report Generation
- Version Control
- Responsive Web Design

5. Personal Project:

- **News Portal Website:** ([LINK](#))

Tech Stack: Laravel, HTML5, CSS3

News Portal Laravel is a web-based news management system developed using Laravel and MySQL. It allows administrators to create, manage, and publish news articles through a secure dashboard. Users can browse news by category, search for articles, and read detailed news content through a responsive interface. The project demonstrates full-stack web development concepts including authentication, CRUD operations, database management, and modern UI design.

- **Facebook Clone:** ([LINK](#))

Tech Stack: Django, Python, HTML5, CSS3

A modern Facebook-inspired social media web application built using Django. This project replicates the core functionalities of Facebook, allowing users to create accounts, manage profiles, share posts, and interact with other users through a clean and responsive interface.

- **Rental Vehicle Management System:** ([LINK](#))

Tech Stack: JAVA, JSP, Servlets, JDBC, HTML5, CSS3, JavaScript

A full-stack Java web application developed for the Advanced Programming coursework. This project demonstrates modern web application development using Java, JSP, Servlets, JDBC, and MySQL, following the MVC architecture.

- **Password Checker:** ([LINK](#))

Tech Stack: Python

This project is a Python-based Password Checker designed to evaluate the strength and security of user passwords. It analyzes passwords against common security standards, identifies weak patterns, and provides useful feedback for improvement. The application helps users create stronger passwords by checking factors such as complexity and potential vulnerabilities. It serves as a practical tool for promoting better password security and safe authentication practices.

- **Gym Management System: ([LINK](#))**

Tech Stack: Java

Developed a collection of Java applications and programming exercises to strengthen object-oriented programming (OOP) concepts and problem-solving skills. Implemented features using classes, objects, inheritance, polymorphism, exception handling, file handling, and collections while following clean coding practices. The repository showcases practical solutions to real-world scenarios and demonstrates proficiency in core Java development and software design principles.

- **Sales Management System: ([LINK](#))**

Tech Stack: Python

Developed a Python-based inventory and sales management system that streamlines product tracking, stock updates, and transaction processing. The application supports features such as product management, automated invoice generation, and inventory maintenance through file handling. It incorporates business logic for sales and restocking operations while ensuring accurate record management. The project demonstrates strong proficiency in Python programming, file operations, and procedural application development.

6. Training and Certifications

1. Microsoft Data Visualization

Islington College / 2024

Gained practical skills in creating clear, interactive data visualizations and dashboards using Microsoft tools (Power BI), enabling effective analysis and data-driven decision-making.

2. AWS Cloud Foundations

AWS / 2025

AWS Academy training, gaining practical knowledge of cloud computing concepts, AWS services, and hands-on experience in deploying and managing cloud-based solutions.

3. AWS Data Engineering

AWS / 2025

Completed an applied AWS Academy program in data engineering, gaining hands-on experience with designing and implementing data pipelines, ETL processes, and data lakes/warehouses using core AWS analytics and storage services such as Amazon S3, AWS Glue, Amazon Redshift, and related tools.

4. AWS Machine Learning for Natural Language Processing

AWS / 2025

Completed an intermediate AWS Academy program focused on applying machine learning techniques to natural language processing, including text preprocessing, sentiment analysis, information extraction, topic modeling, and introductory generative AI using AWS cloud services.

5. AWS Machine Learning Foundations

AWS / 2025

Completed the AWS Academy Machine Learning Foundations course, gaining core knowledge of machine learning concepts, model training and evaluation, and introductory hands-on experience with AWS ML services such as Amazon SageMaker and related tools.