

Anjali Tiwari

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Education

<https://github.com/Anjali335>

Dr Abdul Kalam Technical university, Lucknow <i>BTech in Computer Science & Engineering</i>	2023 - Present
Asha Modern International School, Saharanpur, Uttar Pradesh <i>Intermediate (CBSE)</i>	2023
Asha Modern International School, Saharanpur, Uttar Pradesh <i>High School (CBSE) Projects</i>	2021

• Skill-Based Suggestions System — github.com/Anjali335/Skill-based-suggestions

An AI-powered web application that recommends personalized skills to students based on their interests and academic background. Integrated a review form and responsive UI to enhance engagement and upskilling efficiency. *Technologies:* Python, Flask, scikit-learn, HTML, CSS, JavaScript, Bootstrap.

• Universal Human Detection System — github.com/Anjali335/universal-human-detection-system

Developed a real-time **human detection and alert system** using computer vision and AI to enhance surveillance automation. Implemented object detection models with **TensorFlow and OpenCV** for accurate identification, integrated camera stream processing, and optimized detection performance for real-world environments. *Technologies:* Python, TensorFlow, OpenCV, NumPy, Flask, HTML, CSS, JavaScript.

• Amazon Clone Website — github.com/Anjali335/amazon-clone

A responsive e-commerce web application inspired by Amazon, featuring dynamic product display, intuitive navigation, and a modern, user-friendly interface. Focused on front-end development and layout design for real-world experience. *Technologies:* HTML, CSS, JavaScript.

• Python Programs Collection — github.com/Anjali335/python-programs

A comprehensive collection of beginner to intermediate-level Python projects demonstrating data structures, algorithms, and automation scripts. Designed to enhance problem-solving skills and practical coding experience. *Technologies:* Python, NumPy, I/O modules.

Experience and Trainings

AI and Machine Learning Bootcamp

[View Certificate](#)

- Completed an intensive **AI and Machine Learning Bootcamp** focused on developing, training, and deploying real-world machine learning models.
- Acquired practical experience using **Python, TensorFlow, and Scikit-learn** for predictive analytics, model optimization, and generative AI applications.
- Implemented complete **ML pipelines** including data preprocessing, feature engineering, model training, and performance evaluation.

Forage Industry Virtual Experience Program

[View Certificate](#)

- Completed an online **Virtual Experience Program** replicating real-world industry workflows and project environments.
- Developed project modules focusing on **problem-solving, data analysis, and software development best practices**.
- Gained proficiency with professional tools and **Agile methodologies** through structured, hands-on virtual training.

Technical Skills

Languages: Python, Java, C, JavaScript, HTML, CSS

Backend: Node.js, Python

Frontend: React, HTML, CSS, Bootstrap

Framework & Libraries: Numpy, Pandas, MongoDB

Developer Tools: Postman, VS Code, GitHub, Xcode

Certificates/Achievements

- **Oracle OCI AI Foundations Associate Certification** – Demonstrated proficiency in Artificial Intelligence (AI), Machine Learning (ML), and Oracle Cloud Infrastructure (OCI) services. [View Certificate](#)
- **AI for Productivity (UNICEF)** – completed certified program on responsible and ethical AI applications. [View Certificate](#)
- **AI ML Professional Certification** –
- Successfully completed **AI/ML Fundamentals**, demonstrating applied understanding through practical projects and machine learning model deployment.
[View Certificate](#)
- **Workshop on Data Science with Generative AI and Python** –github.com/Anjali335/Skill-based-suggestions Developed an AI-driven web application that utilizes Python-based generative data workflows to recommend personalized skills to students based on their academic interests and career goals. Implemented intelligent review analytics and adaptive learning suggestions to enhance user engagement and upskilling outcomes. *Technologies:* Python, Flask, scikit-learn, HTML, CSS, JavaScript, Bootstrap. [View Certificate](#)
- **AI and Machine Learning Bootcamp** – Gained hands-on experience in end-to-end Machine Learning model development, optimization, and deployment using real-world datasets and Python-based AI frameworks. [View Certificate](#)
- **Prompt Engineering and Generative AI Certification** – Learned advanced prompt engineering techniques, model fine-tuning, and real-world Generative AI applications for solving domain-specific problems. [View Certificate](#)
- **Git and GitHub Version Control Workshop** – Gained practical experience with Git repositories, version control workflows, branching strategies, and team collaboration tools such as GitHub and GitLab.

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