

VANSHIKA

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in [Vanshika Ahuja](#) 🌐 [VanshikaA27](#)

EDUCATION

Indira Gandhi Delhi Technical University for Women, Delhi, India

2021 - 2025

Bachelor of Technology: Computer Science and Engineering - Artificial Intelligence

CGPA - 8.41

EXPERIENCE

SyncTape Technologies

dec 2023 - jan 2024

Software Engineering Intern [Github](#)

- Developed a Python-based automated leads generation system, reducing manual workload.
- Utilized **Selenium Webdrivers** and **Beautiful Soup** to scrape information from web.
- Utilized the **OpenAI API** to generate customized emails to leads based on their interests using extracted information, and created the Python automation script that automatically draft emails to respective email addresses.

American Express

May 2023 - June 2023

Makeathon (20 days long Hackathon) Top 11 Finalist [Github](#)

- Worked under Mentor (Senior Engineer at American Express) and built a **Full Stack app** called **Hind-Epay**.
[Demo](#)
- **Hind Epay** is a secure and user-friendly digital wallet system that enables seamless transactions using [e-RUPI](#). Implemented using **flutter, firebase, firestore and figma**.

PROJECTS

Gemini-Clone [Github](#)

- Built a conversational AI interface using **React and the Gemini API**.
- Enabled users to interact with Google's generative AI model for text-based tasks.

X-ray Body Image Classification [Github](#)

- Developed a Convolutional Neural Network (CNN) using **TensorFlow and Keras** for X-ray image classification.
- Leveraged **transfer learning** with pre-trained models like Xception, implemented advanced image preprocessing, and applied extensive data augmentation techniques to achieve an accuracy of **87 percent** on 22 X-ray classes.

Breast Cancer Detection Model [Github](#)

- Developed a breast cancer detection model utilizing machine learning libraries such as **Scikit-learn, Pandas, and NumPy** on labeled classification data.
- Refined the model's performance using Python libraries including TensorFlow/Keras for deep learning techniques and **Matplotlib/Seaborn** for visualization.

TECHNICAL SKILLS

Language

C++, Java, Python, HTML, CSS, JavaScript

Frameworks

React, Flutter, Flask, Pytorch, Tensorflow

Skill Set

Data Structures and Algorithms, OOPs, DBMS, Operating System

Other Technologies

Google Colab, Jupyter Notebook, Git and Github, Tableau, Firebase

ACHIEVEMENTS

- **Flipkart Girls Wanna Code'24: Top 200** finalists out of **13000+** registrations
- **American Express Makeathon'23: Top 11** finalists out of **12000+** participants and 900+ ideas.
- **Castor Bot Development Hackathon: Top 5** teams out of 50+ teams
- **Google Girl Hackathon 2023: Stage 1** Qualifier.
- **Internship Project: Graded A+** by commissioner of police for project.