

ARYAN TOMAR

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EDUCATION

Inderprastha Engineering College (IPEC), [AKTU]

Ghaziabad, Uttar Pradesh

- BTech in Data Science

2020-2024

Angels Public School (APS)

Shahdara, Delhi

- CBSE (Class XII)

2020

J.C.B Modern Public School

Palwal, Haryana

- BSEH (Class X)

2018

SKILLS

- Programming Languages:** Python, Django, SQL, HTML, CSS, JavaScript.
- Development Tools:** GitHub.
- Technical Skills:** DSA, DBMS, OOPs, ML, Linux, Testing.

WORK EXPERIENCE

Cyber Security Intern – CISCO

- Developed a packet visualizer tool for real time network packet capture and visualization enhancing network analysis efficiency by 30% and facilitating faster diagnostics during security audits.

PROJECTS

Lemon Quality Detection System

(2/2025 - 2/2025)

Tech Stack: Python, Django (with templates), OpenCV, TensorFlow

- Developed a **Machine Learning-Based System** to classify lemons as fresh, ripe or rotten using **CNN**. Integrated with Django for real-time image analysis and deployed for scalability.

Insurance Premium Prediction System

(1/2025 – 1/2025)

Tech Stack: Python, Django (with templates), OpenCV, Scikit-Learn, NumPy, Pandas.

- Designed an AI-powered tool using Random **Forest Regression Model** to predict **insurance premiums** based on user inputs. Implemented machine learning techniques for accurate risk assessment and built a user-friendly web interface for seamless interaction. Ensured data privacy and provided insights into premium factors.

Voice For Moms

(10/2024 – 10/2024)

Tech Stack: HTML, CSS, JavaScript, SQL, Python

- AI assistant** for busy moms, built with Python backend and HTML/CSS/JavaScript frontend. Offers voice-activated help with tasks, schedules, parenting tips etc.

Stock Simulator

(09/2024 – 09/2024)

Tech Stack: Python, Taipy

- Designed a **Stock Trading Simulator** using **Python** and the **Taipy** framework, featuring an interactive graphical interface.

ACTIVITIES

- Volunteered in **World Robotics Event: Technoxian'23** (07/2023)
- Participated in **Cyber Security** workshop organised by **Uttar Pradesh Police Department**. (12/2022)
- Participated in Kazi Robotics workshop Event organised by **IPEC**. (11/2021)

CERTIFICATIONS

- Certificate Of Completion** in **Ethical Hacking from Scratch** – Udemy (11/2024)
- Certificate of Appreciation** for Volunteering in **World Robotics Event: Technoxian'23** (07/2023)