

Anushka jain

Bachelor of Technology
in Computer Science Engineering
Vellore Institute of Technology, Vellore

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EDUCATION

Degree	Institute	Board / University	CGPA/Percentage	Year
B.Tech CSE	Vellore Institute of Technology,Vellore	Vellore,India	8.9	2021-2025
Senior Secondary	Sandhya public School	CBSE	88.2%	2021
Secondary	Presentation Convent Sr. Sec. School	CBSE	91%	2019

WORK EXPERIENCE

- Saraca** 1st Aug 2023 - 15th Sept 2023
Intern Noida,Uttar Pradesh
 - Developed and implemented object detection models using the YOLO (You Only Look Once) algorithm in Python.
 - Utilized OpenCV for image and video processing, and Matplotlib for visualizing results.
- Delhi Metro Rail Corporation(DMRC)** 15th Sept 2023 - 31st Oct 2023
Intern New Delhi
 - Developed a file-sharing web application using the Django framework in Python.
 - Designed and implemented front-end using the Bootstrap for responsive and modern styling. Utilized MongoDB for efficient data storage and retrieval. Implemented user authentication, file upload/download functionalities, and secure file sharing features.
- HCL Technologies Ltd.** 4th Jun 2024 - 4th Jul 2024
Intern Noida,Uttar Pradesh
 - Developed a dynamic UML generator leveraging Generative AI (GenAI).
 - Utilized ChatGPT for NLP, integrated the AI system with a user-friendly HTML/CSS web interface, and implemented PlantUML for accurate UML diagram generation.
- Vodafone Intelligent Solutions(VOIS)** 1st Oct 2025 - Present
Full Time Pune
 - Developed interactive Power BI dashboards to monitor telecom KPIs such as revenue trends, customer usage patterns, and churn indicators.Extracted and transformed telecom datasets using SQL queries from relational databases.
 - Automated reporting workflows by publishing dashboards to Power BI Service with scheduled data refresh, ensuring real-time insights for business teams.Used Power Query to automate data cleaning, transformation, and merging of multiple datasets.Generated actionable insights supporting data-driven decision making for telecom operations and customer retention strategies.

PROJECTS

- Assisted Vision** 2024 - 2025
Capstone Project anushka-jain/assisted-vision
 - Created a fully accessible web platform for visually impaired individuals, incorporating advanced object recognition using YOLO/SSD architectures in TensorFlow, which improved navigation efficiency across **YOLO/SSD,Tensorflow**.
 - 150 use cases and reduced response time by over 30 seconds per image.
- Object Detection-Yolo** Aug 2023 - Sep 2023
Intern Project anushka-jain/object-detection-yolo
 - Developed and implemented object detection models using **YOLO**.
 - Integrated **YOLO** models into real-time applications for dynamic detection and tracking. Utilized **OpenCV** for image/video processing and **Matplotlib** for visualization. Leveraged **NumPy** for numerical computations and **Torch** for deep learning.
- File-Sharing Web Application** Sep 2023 - Oct 2023
Intern Project anushka-jain/file-sharing-web-application
 - Created a website which allows users to create an account, log in to the site , save files in their accounts with proper security measures to keep the data safe from potential threats.
 - A **No-Sql** database **MongoDB** is used. The **Django** project is connected to the cloud storage of MongoDB called **MongoDB atlas** using **PyMongo**. Technologies used were **Python,Django,MongoDB,Html,Css,Javascript** using **Bootstrap**.
- Dynamic UML Generator using GenAI** Jun 2024 - Jul 2024
Intern Project anushka-jain/UML-Generator-GenAI
 - Developed a dynamic **UML** generator leveraging Generative AI (**GenAI**) to automate the creation of UML diagrams from textual descriptions and code artifacts.
 - Utilized **ChatGPT** for natural language processing . Integrated the AI system with a web interface using **HTML** and **CSS** for a user-friendly experience. Implemented **PlantUML** for generating accurate UML diagrams.

TECHNICAL SKILLS

- Programming Languages:** C/C++, Python, Java
- Tools and Frameworks:** Visual Studio Code,Numpy, Pandas,Django,OpenCV
- Web Development:** HTML5, CSS, Javascript,Bootstrap
- Miscellaneous:** Linux Shell, Cisco Packet Tracer, Matlab, R language,Chatgpt,Plant UML,PowerBI,MySQL

CERTIFICATIONS AND SCHOLASTIC ACHIEVEMENTS

- Intern Saraca**
- Intern Delhi Metro Rail Corporation(DMRC)**
- Intern HCL Technologies Ltd.**
- Software Engineering Job Simulation** Forage
- Solutions Architecture Job Simulation** Forage
- Indian Olympiad Qualifier in Astronomy IAPT**
- Published research paper "Assisted Vision: A Transformative Web App for the Visually Impaired" at the IEEE Conference on Data Science and Business Systems (ICDSBS), 2025, and patent application published (Application No: 202541123260) for the voice-controlled assistive web application, approved for filing by the VIT IPR Cell.**