

# Piyoush Jaiswal

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## EDUCATION

### Bachelor of Technology (B.Tech.) - Information Technology

2020 - 2024

GL Bajaj Institute of Technology and Management,  
Greater Noida - 201310

### Intermediate- Science

2019 - 2020

Anand Bhawan School,  
Barabanki - 225001

## EXPERIENCE

### Trainee/Intern | Nvidia AI Learning and Research Center, Greater Noida

2022 - 2023

- Gained the opportunity to work on real-world projects
- Innovated Computer Vision projects leveraging NVIDIA DGX A100's power.
- Real-world application with cutting-edge CV using DGX A100.

### Team Member | Google Cloud Ready Facilitator Program, Greater Noida

2022 - 2022

- Develop practical expertise in cloud technologies.
- Gain in-depth knowledge and skills in Google Cloud technologies.

## Coding Profile

Leetcode: [@p4n33r\\_t1kk4](https://leetcode.com/@p4n33r_t1kk4)

Hackerrank: [@piyush7271](https://www.hackerrank.com/@piyush7271)

## PROJECT

### PPE Violation Detection

(ML Based)

- A Computer Vision model capable of detecting PPE Violation on-field in live inferencing.
- The model has been trained using the YOLOv7 framework with a custom dataset.
- Demonstrates an efficient and highly reliable solution ensuring utmost safety compliance.

**Application:** Construction Site.

### Multiple Face Recognition

(ML Based)

- A computer vision model built using Dlib, OpenCV, MTCNN, O-auth.
- Model capable of multiple face recognition during live inferencing.
- Employs state-of-the-art techniques to detect multiple faces with exceptional accuracy.
- Successfully revolutionizes face identification and analysis, maximizing efficiency.

**Application:** Access control, Attendance, Smart Home

### MultiLingo

(React Based)

- A React based web application capable of analyzing and translating text in multiple languages.
- Web application is capable of reading the translated text and copying it in the clipboard.
- Capable of swapping the languages.
- Free from unwanted ads.

**Application:** Live translation, customer support, travel help.

## SKILLS

### Expertise:

Java, MySQL, OOPS, ReactJS.

### Programming Languages:

Java, Python, C++, JavaScript

### Web Development:

HTML, CSS, Frontend framework (React)

### Backend Development:

Node.js, Spring Boot

### Database Technologies:

MySQL, SQL

### Software Development Tools:

Git, Docker

### AI/ML and Computer Vision:

Tensorflow, PyTorch, Kubeflow, Computer Vision

### Soft Skills:

Time Management, Communication, Leadership, Creativity.

## ACHIEVEMENTS

- Deployed Machine Learning Projects on DGX A100 Supercomputer
- Achieved an impressive Air-93 rank in Code Combat 3.0, an event organized by Coding Ninjas.
- Accomplished a top-tier 5-star rating in Java on Hackerrank.
- Solved 600+ problems solving question.
- I secured the coveted First Place in ENVISAGE, an Innovative Idea event

## CERTIFICATION

- Certified Java Full Stack developer by WIPRO Limited
- Trained in Artificial Intelligence and Machine Learning by GI Ventures
- Certified in JAVA programming language by Hackerrank.

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