

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](#)

Hackerrank: [@piyush7271](#)

Portfolio

[Click here](#)

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) |
| 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 questions.
- 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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