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 | GI Ventures, *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   Portfolio

Leetcode: @p4n33r_t1kk4   **Click here**

Hackerrank: @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 infrencing .
- Employs state-of-the-art techniques to detect multiple faces with exceptional accuracy.
- Successfully revolutionizes face identification and analysis, maximizing efficiency.

Application: Access control, Attendence, 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
Programming Languages:	Java, Data Structures & Algorithm, Python, JavaScript
Web Development:	HTML, CSS, Frontend framework (ReactJS)
Database Technologies:	MySQL, SQL, MongoDB
Software Development Tools:	Git, Docker
AI/ML and Computer Vision:	Tensorflow, PyTorch, Kubeflow, Computer Vision
Soft Skills:	Strong Team Player, Conceptual thinking, Analytical Thinking, 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   LINK
- Trained in Artificial Intelligence and Machine Learning by GI Ventures   LINK
- Certified in JAVA programming language by Hackerrank.   LINK