

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

- Contributed as an AI/ML Trainee/Intern at Global Infoventures.
- Gained hands-on experience in computer vision using TensorFlow, Kubeflow, and PyTorch.
- Applied skills in AI technologies for real-world projects.
- Strengthened proficiency in TensorFlow, Kubeflow, and PyTorch through practical applications.
- Collaborated with a professional team to contribute effectively to the field of computer vision.
- Enhanced practical expertise and contributed to the application of AI in a corporate setting.

Team Member | Google Cloud Ready Facilitator Program, Greater Noida 2022 - 2022

- Actively participated as a Team Member in the Google Cloud Ready Facilitator Program, Greater Noida.
- Developed practical expertise in cloud technologies, specifically focusing on Google Cloud.
- Gained in-depth knowledge and skills in Google Cloud technologies

ACHIEVEMENTS

- I secured the [First Place](#) in ENVISAGE, an Innovative Idea event
- Secured [third prize](#) in National level ideathon .
- Accomplished a top-tier 5-star rating in Java on Hackerrank.
- Solved quality competitive problems solving questions.
- Worked on industry level real life Projects with their deployment on Supercomputer
- Achieved an impressive rank in Code Combat 3.0, an event organised by Coding Ninjas.

CERTIFICATION

- Certified Java Full Stack developer by WIPRO Limit [LINK](#)
- Proven excellence in GCP [LINK](#)
- Trained in Artificial Intelligence and Machine Learning by GI Ventures [LINK](#)
- Certified in Computer System Security [LINK](#)
- Certified in JAVA programming language by Hackerrank. [LINK](#)

PROJECT

PPE Violation Detection

- Aimed to enhance construction site safety by using YOLOv7 for PPE violation detection, sending email alerts for prompt response to safety breaches.
- Led a team in creating and training a dataset of 1630 images on model to detect 'no helmet,' 'no jacket,' 'safe,' and 'unsafe' conditions.
- Implemented the project on a DGX A100 GPU, showcasing technical proficiency in cloud-based safety monitoring.
- Integrated email notifications for quick action on safety violations, contributing to proactive measures for worker well-being.

Application: Construction Site.

Multiple Face Recognition

- Developed a Multiple Face Recognition project aiming to identify individuals based on trained data using images of colleagues.
- Utilised the DLIB library for training the model and achieving accurate face recognition.
- Enhanced the project's practicality by training the model with images of colleagues, ensuring personalized and efficient recognition.
- Demonstrated proficiency in computer vision and facial recognition technologies, contributing to real-world applications in the field.

Application: Access control, Attendance, Smart Home

MultiLingo

- Created "Multilingo," a user-friendly React web app for analyzing and translating text in various languages.
- Enabled text-to-speech functionality for the translated text and simplified copying to the clipboard.
- Implemented language swapping feature for user convenience.
- Ensured an ad-free experience, prioritizing a seamless and distraction-free user interface.

Application: Live translation, customer support, travel help.

SKILLS

- Expertise:**
Java, Python, MySQL, OOPS, Computer Vision
- Programming Languages:**
Java, Data Structures , Algorithm, Python, JavaScript
- Web Development:**
HTML, CSS, Frontend framework (ReactJS)
- Database Technologies:**
MySQL, SQL, MongoDB
- Operating System:**
Windows, Linux
- AI/ML and Computer Vision:**
Tensorflow, PyTorch, Kubeflow, AI, ML, Data Preprocessing, Data Modeling, [Computer Vision](#)
- Technical Hobby :**
Writing code, learn new technology, Finding bugs
- Soft Skills:**
Strong Team Player, Multi-tasking , Analytical skills, Time Management, Strong Communication, Leadership, Creativity, Problem Solving..