Mujahid Ali

in Mujahid Ali | ✉ mujahidsabir09@gmail.com | 📱 +923442437621 | ◯ Mujahid Ali

Mujahid Ali is a talented and driven individual with expertise in AI web applications, model training, and object detection. With a strong passion for these fields, he is actively seeking a job opportunity to utilize his diverse skill set and continue growing professionally. He combines technical proficiency with creativity to deliver robust AI models, visually engaging designs, and accurate drafts.

📅 2021/09–2025/09	BE Computer System Engineering **Mohammad Ali Jinnah University Karachi**	📍 Karachi, Pakistan
📅 2020/09–2021/04	Diploma in Aviation Business Administration **Aviation Institute of Management**	📍 Karachi, Pakistan
📅 2018/01–2020/12	Intermediate (Pre-Engineering) **MB Intermediate Science College**	📍 TMK, Pakistan

EXPERIENCE

📅 2024/09–2025/3   **Jr AI Engineer (Full Time)**
Inoviox Solutions (SMC) Pvt Ltd   📍 Karachi, Pakistan
- » Models: Trained and fine-tuned object detection models using YOLOv5
- » Integrations: Developed AI-integrated web applications, Firebase
- » Implementation: Real-time monitoring using computer vision and sensor data

📅 2024/02–2024/6   **Front End Developer (Full Time)**
SkyUltra   📍 Karachi, Pakistan
- » Web Design & Development: E-commerce, Management System, Organizational
- » Commercial, Restaurant, Management System, E-Commerce

📅 2023/06–2023/08   **Graphics Designer (Full Time)**
Awsomate Pvt Ltd   📍 Karachi, Pakistan
- » Social Media Posts: Brand Advertising Posts, Hiring Posts
- » Logo Designer: Industrial, International Brands
- » Video Editor: Animate Brand Advertising Videos, Industrial

📅 2023/01–2022/06   **Web Developer (Full Time)**
Skyfinity Pvt Ltd   📍 Karachi, Pakistan
- » Website: Wordpress, Html, Css, Js
- » Plugins: Astra, Woocommerce, Oceanwp

Final Year Project

Smart AI & Computer Vision-based HSE Monitoring System

This project focuses on developing an intelligent, real-time Health, Safety, and Environment (HSE) monitoring system powered by Artificial Intelligence and Computer Vision. The goal is to enhance workplace safety in industrial and construction environments by automatically detecting and reporting safety violations.

The system utilizes live video feeds integrated with AI models trained to identify:

- PPE (Personal Protective Equipment) Compliance
- Fire and Smoke Detection
- Unsafe Human Behaviors
- Real-Time Alerts

Key technologies used:

- YOLOv5/YOLOv8 for object detection
- Python and OpenCV for real-time video processing
- ESP8266 with environmental sensors (CO2, temperature, flame, gas)
- Firebase for cloud data storage and alert notifications
- Web Dashboard for visualizing live data and system status

This project demonstrates the fusion of AI, IoT, and computer vision to build a scalable and practical solution for proactive HSE management in high-risk industries.
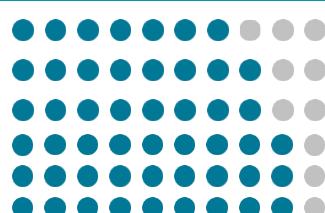
Graphics Designing SKILLS

Adobe Illustrator	●●●●●●●●●○
Adobe XD	●●●●●●●○○○
Adobe Photoshop	●●●●●●●●○○

Coding & Database SKILLS

Python, Yolov8, CV	●●●●●●●○○○
CSS	●●●●●●●●○○
HTML	●●●●●●●●○○
WordPress	●●●●●●●●●○
MySQL	●●●●●●●●●○
Firebase	●●●●●●●●●○

CERTIFICATES

- » Agile Project Management (Coursera)
- » Introduction to Scrum Master Training (Coursera)
- » Human Factors in AI (Coursera)