SANJAY KUMAR

+923457586417 ◇ Karachi, Sindh

kumarsanjay926529@gmail.com ◇ linkedin.com/in/sanjay-kumar-ai-ml/

OBJECTIVE

Machine Learning Engineer with a robust academic background and hands-on experience in real-time projects, seeking roles as an ML/AI Engineer to apply and enhance my skills.

EDUCATION

Bachelor of Science in Artificial Intelligence, SZABIST Karachi   2021-2025
CGPA: 3.85
Relevant Courses: Machine Learning, Deep Learning, Computer Vision,
Natural Language Processing, Artificial Neural Networks

SKILLS

Technical Skills: Machine Learning, Deep Learning (Tensorflow, PyTorch), Query Language (SQL),
Programming Languages (Python, Java, C, MATLAB), Computer Vision, Natural Language Processing

Soft Skills: Problem Solving, Project Management, Leadership, Communication, Teamwork, Critical Thinking

EXPERIENCE

Freelance Developer   2022 - Present
Fiverr (Buyer and Seller), Remote

- Excelled in Python and Java, delivering machine learning, data analysis, and algorithm projects.
- Successfully completed AI-based programming projects and Java projects, including Club Simulation and MVC pattern board games.
- Consistently exceed client expectations through strong communication and a commitment to excellence.

PROJECTS

Image Captioning Project. Developed Image Captioning Project using advanced CNN, RNN, and LSTMs, achieving a 74.3 Bleu Score on the Flickr 30K dataset, showcasing strong expertise in deep learning and computer vision

Blind Assistance Robot. Build a Blind Assistance Robot utilizing YOLO V5 for object detection and recognition. Integrated a speaker and microphone, leveraging ChatGPT API, enabling seamless communication and assistance for the visually impaired.

Research on ALSO Paper. Researched 'ALSO: Automotive Lidar Self-supervision by Occupancy Estimation,' delving into self-supervised pre-training techniques to enhance deep perception models for point cloud data.(Research Paper Link)

CERTIFICATIONS

Machine Learning Specialization	DeepLearning.AI and Stanford: Coursera
Python for Data Science, AI & Development	Coursera
Python Basics	HackerRank
Crash Course on Python	Coursera

LEADERSHIP

Led teams in all semester projects, demonstrating effective leadership and collaborative skills. Additionally, served as the lead for Artificial Intelligence and Robotics at ZAB e Fest, overseeing and coordinating activities within the domain and showcasing strong organizational and leadership capabilities.