

# ZUBAIR ALI

## AI Engineer | Machine Learning & Deep Learning Specialist | AI Solutions Developer

📍 Lahore, Pakistan

🐙 GitHub - <https://github.com/ZubairZubii>

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## OBJECTIVE

AI Engineer with 2 years of experience in machine learning, deep learning, and AI model deployment. Passionate about implementing advanced AI solutions to solve real-world challenges. Seeking a position where I can contribute to innovative AI projects, utilizing my skills in NLP, computer vision, and cloud platforms to drive impactful solutions.

## PROJECTS

### AI Chatbots:

- Developed various AI-driven chatbots for medical assistance, food ordering, and other applications, integrated into client websites.

### Vehicle Detection:

- Created a car detection and license plate recognition system using YOLOv8, Flask for deployment.

### Facial Emotion Recognition:

- Built a facial emotion detection system using a pre-trained UNet model for real-time analysis.

### Movie Recommendation System:

- Developed a movie recommendation system using collaborative filtering and content-based algorithms.

### Flappy Bird AI:

- Implemented a reinforcement learning model to play the Flappy Bird game using Q-learning.

### Auto Drive Car:

- Developed a self-driving car model using machine learning that learns to navigate based on the distance from edges and obstacles, training the model to make real-time decisions for auto-driving based on its environment.

## WORK EXPERIENCE

Freelance AI Engineer & Project Contributor

Freelancer (Fiverr, Personal Projects) – June 2022 – Present

### Achievements/Tasks

- Developed AI chatbots, recommendation systems, and computer vision models for clients.
- Deployed machine learning models on AWS and Google Cloud for scalability and optimization.
- Worked on vehicle detection with YOLOv8 and facial emotion recognition using deep learning.

## EDUCATION

FAST University – Software Engineering

### Major: Artificial Intelligence

Building expertise in AI through coursework.

2022 - Present

Relevant Coursework: Machine Learning, Deep Learning, Data Structures, Algorithms

## SKILLS

- TensorFlow, PyTorch, Scikit-learn, Neural Networks, CNNs, RNNs, GANs
- Natural Language Processing (NLP), Computer Vision, YOLOv8
- Python, R, C++, Java, Flask, Django
- Data collection, preprocessing, AWS, Azure, Google Cloud, Docker
- Git, GitHub, Jupyter, Anaconda, VS Code, MySQL, SQL

## CERTIFICATES

- Machine Learning (Simplilearn) – Certificate Code: 7427506 (October 2024)
- Prompt Design in Vertex AI (Google Cloud) – Skill Badge: Introductory