M. ABDUL REHMAN
ARTIFICIAL INTELLEGENCE AND MACHINE LEARNING ENGINEER

Phone no: +923228298414
Email: abdul.rehman132802@gmail.com
Github: github.com/Abdul1302
LinkedIn: www.linkedin.com/in/abdul-rehman-b81697207

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PERSONAL STATEMENT

Enthusiastic about playing with data, and exploring valuable insights through analysis and visualization. Passionate about understanding, preprocessing, and training data, focusing on suitable evaluation and tuning. Possesses a problem-solving and innovative mindset. Excited to continually grow and enhance skills in Artificial Intelligence and Machine Learning.

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EXPERIENCE

- **BAWDICSOFT PVT LTD.**

  Junior Artificial Intelligence Engineer August, 2023 – May , 2024

- **ITSOLERA PVT LTD.**

  Natural Language Processing Engineer Jun, 2024 - Present

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PROJECTS

- **TRUTH SEEKER (REAL , EDITED & FAKE IMAGES DETECTION MODEL)**
  Developed a research-based AI forensics model focusing on image analysis. Conducted research to create the model. Utilized Deep Learning algorithm (CNN), Classifications Techniques & Error Level Analysis (ELA). Successfully built the model with an accuracy rate of 90%.

- **Generative AI for Story Creation and Narration**
  Developed a Generative AI model to transform descriptions into coherent stories and convert these stories into audio narrations. Performed prompt engineering using LLaMA3 and integrated a text-to-speech model for high-quality audio output.

- **Real Estate AI Model**

  The project, named "Real State AI," aimed to predict property prices using factors like area square feet, location, and various other attributes. Cleaned and preprocessed the data. For modeling, employed the Random Forest Regressor, ensuring accurate predictions for real property prices.

- **AI Healthcare Chatbot System**

  This chatbot System is designed to enhance patient interaction and provide healthcare support online, 24/7. By leveraging AI, this chatbot will be able to communicate with users through text or voice interfaces, answer both general and in-depth health-related questions, assist in finding specialists, booking appointments, and guiding patients towards appropriate treatment options.

  Performed prompt engineering using LLaMA3 as healthcare assistant and for bookings appointments and integrated a text-to-speech transcription model for high-quality audio output. Used map-api for finding the nearest hospital or clinic for the diseases.

- ➤ For More Projects ,you can check my [Github](#)

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EDUCATION

BACHELORS OF SCIENCE IN COMPUTER SCIENCE.

- Federal Urdu University Of Arts, Science & Technology Karachi
- 2020 - 2024 (Final Year)
- CGPA: 3.86

INTERMEDIATE IN PRE-ENGINEERING.

- Government Superior Science College, Karachi
- 2018 - 2020.

MATRICULATION IN COMPUTER SCIENCE.

- Al Mumtaz Academy, Karachi
- 2016 - 2018

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SKILLS

- Scikit-Learn
- NumPy
- TensorFlow
- Pandas
- Matplotlib
- Seaborn
- Natural Language Processing
- Classification/Regression
- Artificial Neural Networks
- Convolutional Neural Networks
- Recurrent Neural Networks
- Streamlit

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PROGRAMMING LANGUAGES

- Python
- C++ (Basic)