

M.SHOAIB

AI/ ML Engineer

Rates per month: \$2000

Rates per hour: \$17



To obtain a position that aligns with my strengths, values, and career goals, where I can apply my skills, experience, and enthusiasm to make a meaningful impact and achieve outstanding results.

Work Experience

SOC Solutions pvt ltd. (Sustain) Data Engineer & System Development (Oracle) April, 2023 – current

BAWDICSFT PVT LTD.

Artificial Intelligence Engineer/ ML Engineer
July, 2021 – Feb, 2023

CYBERTRON LABS

Junior Machine Learning Engineer
February 2020 – April, 2021

Education:

NED UNIVERSITY OF ENGINEERING AND TECHNOLOGY, KARACHI, PAKISTAN

- Master of Engineering in Artificial Intelligence (SUSTAIN)

ILMA UNIVERSITY

- Bachelor's in Computer Science (2023)

Projects

Time Series Model K-Electric (Sustain)

RAG Application

- Leverages Gemini LLM to process and understand PDF documents
- Employs a vector store for efficient document search and retrieval.
- Combines retrieval and generative AI to provide comprehensive responses to user queries.

Cryptocurrency Trading Bot

- Developed a deep learning model (LSTM) to predict future Bitcoin prices.
- Fetched historical data from Binance API and engineered relevant features.
- Trained the model to achieve high accuracy and deployed it on Microsoft Azure.
- Implemented a real-time trading strategy based on model predictions.

Data Preprocessing and Feature Engineering

- Cleaned and preprocessed the dataset to prepare it for modeling.
- Handled missing values and encoded categorical features. Scaled numerical features for optimal model performance. Split the dataset into training and testing sets.

HEART DISEASE DETECTION SYSTEM

This project uses machine learning to predict heart disease. It compares three models: Random

- Forest, K-Nearest Neighbors, and Logistic Regression. The best model is selected after hyperparameter tuning. Evaluation metrics like accuracy, ROC/AUC, confusion matrix, F1-score, and precision are used to assess the model's performance.

SKILLS

<u>MACHINE LEARNING</u>	<u>DATA ANALYTICS</u>	<u>GENERATIVE AI</u>	<u>DATA VISUALIZATION</u>	<u>DATABASE</u>	<u>SOFT SKILLS</u>
Scikit-Learn Tensorflow Transfer Learning Classification/Regression Image classification and Text classification Natural Language Processing Computer Vision Time Series Forecasting Convolutional Neural Networks (CNN) Recurrent Neural Networks (RNN) Embedded AI, YoloV8, tensorflow Lite PyTorch	Numpy Pandas Microsoft Excel	Open AI Assistants API LangChain Agents /SQL Retriever Local LLM fine-tuning llama2, llama3, Phi3, Gemini RAG, Vector db	Matplotlib Seaborn Bokeh Microsoft Power BI D-Tale	Microsoft SQL Server Mongo DB Fire Base	Documentation (Research papers/Reports) Problem Solving Presentation, Communication skills Working with Team, Time management

PROGRAMMING LANGUAGES

Python | SQL | JavaScript

CERTIFICATION

- TensorFlow Developer Certificate: Zero To Mastery (UDEMY)
- Complete Machine Learning & Data Science Bootcamp 2022 (UDEMY)
- Foundations: Data, Data, Everywhere (COURSERA)
- Ask Questions to Make Data-Driven Decisions (COURSERA)
- Supervised Machine Learning: Regression and Classification (COURSERA)

Hobbies:

- Cricket
- Xbox
- Traveling