Mohammad Odeh

ADDRESS: DÜSSELDORF, GERMANY| PHONE: +4917661293428
EMAIL: odeh4893@gmail.com | DATE OF BIRTH: 04.08.1993 | NATIONALITY: JORDAN

LINKEDIN: linkedin.com/in/eng-odeh | GitHub: github.com/m-odeh

---

PROFESSIONAL SUMMARY

Machine Learning Engineer with 2+ years of hands-on Python experience, delivering end-to-end AI and data solutions. Skilled in computer vision, NLP, time-series forecasting, and deployment using Flask, cloud tools, and docker. Passionate about solving real-world problems through AI and committed to continuous learning and innovation

---

EXPERIENCE

AI Engineer (Part-time)   *Düsseldorf, Germany (Remote)*
Medus Praxis   *March 2025 – July 2025*
- Experimented with and optimized OCR pipelines for accurate extraction of handwritten medical forms.
- Evaluated and compared model performance to improve accuracy and reliability in real-world data.
- Designed and tested preprocessing techniques to enhance OCR results on scanned and photographed forms.

Data Science Specialist – AI Trainer (Independent Contractor)   **USA (Remote)**
Outlier AI   *May 2024 – Dec 2024*
- Leveraged data science experience to train and enhance cutting-edge generative AI models.
- Developed and executed robust test cases to ensure AI-generated code efficiency.
- Evaluated and improved the accuracy of AI-generated code and managed chatbot content

Machine Learning Engineer – AI Residency (Contract)   **Turkey (Remote)**
Apziva   *September 2023 – March 2024*
- Worked on machine learning and AI projects across various industries and problem domains.
- Designed, implemented, and deployed machine learning models.
- Prepared detailed reports and comprehensive documentation

Data Science Intern   **India (Remote)**
Data Glacier   *February 2021 – May 2021*
- Conducted end-to-end modeling and deployment (API, Flask, Docker).
- Prepared data and performed exploratory data analysis on complex datasets.
- Prepared final reports for models and business problems.

Electronic Engineer   **Dubai, United Arab Emirates**
Zero Ohm Electronics   *March 2018 –April 2021*
- Prepared cost estimates and technical documentation for electronic projects.
- Designed and simulated electronic circuits and embedded systems for client-specific solutions.

EDUCATION

Diploma of Advanced Studies – Digital Infrastructure, Data Analytics, and AI   **Berlin, Germany**
Steinbeis University   *July 2025 - Present*
- program focused on software development, data analytics, cloud/edge computing, and AI deployment.

BSc Electrical Engineering   **Fujairah, United Arab Emirates**
Ajman University   *June 2016*
- GPA: 3.66/4
- Studied electrical, electronics & communication systems; gained foundation in C, C++, MATLAB, Python

PROJECTS

Stock Forecaster:
- Built LSTM-based stock prediction model with automated trading strategy and buy/sell signals.
- Visualized forecasts with Bollinger Bands and evaluated strategy returns/performance.

FlipScan-AI:
- Mobile document digitization using MobileNet V2 for page-flipping detection (0.99 F1-score).
- Created user-friendly web interface with Gradio and Hugging Face integration.

Talents Insight Tool
- ML/NLP talent sourcing system using NLTK tokenization and pre-trained BERT vectors.
- Ranked candidates via cosine similarity matching with target job keywords.

Happiness Insight:
- Customer satisfaction prediction using ML models (SVM, Decision Tree, Logistic Regression, KNN).
- Performed EDA and Grid-Search optimization; SVM achieved 78% accuracy, 0.8 F1-score.

Additional projects available on GitHub: **GitHub profile @ github.com/m-odeh**

SKILLS

- **Programming Languages:** Python, SQL, C++
- **Data Science:** Pandas, NumPy, Scikit-learn, Matplotlib, Seaborn, Plotly
- **Deep Learning:** TensorFlow, Keras, PyTorch, Transformers, OpenCV
- **Cloud & DevOps:** AWS, Google Cloud Platform, Docker
- **Web Development:** Flask

PROFESSIONAL DEVELOPMENT

TensorFlow Developer Professional Certificate, **Deeplearning.ai**   *August 2020*
- Designing AI models with Deep Learning, NLP, and RNNs.

IBM Data Science Professional Certificate, **IBM Training**   *August 2019*
- Hands-on experience with tools such as Python and SQL for data science projects

Neural Networks & Deep Learning Certification, **Deeplearning.ai**   *October 2017*
- Gained practical experience by developing deep learning models for classification.

Machine Learning Certification, **Stanford University on Coursera**   *July 2017*
- Developed multiple machine learning models using algorithms: Logistic Regression, SVM, Random Forest, KNN.

LANGUAGES

English (C1) , Arabic (Native), German (A1)

REFERENCE

Sandeep Sricharan Mukku - Applied Science @ Amazon (https://www.linkedin.com/in/sandeepsricharan)