

SANAD GHASSAN IBRAHIM

Data Analyst | AI Developer | Software Solutions Specialist

Amman, Jordan | +962 79 796 0707 | sanad.ghassan.ibrahim@gmail.com

Portfolio: sanad.pro | LinkedIn: linkedin.com/in/sanad-ibrahim | GitHub: github.com/SanadIbrahim

SUMMARY

Results-driven Data Analyst and AI Developer with a strong background in building scalable, enterprise-level solutions. Experienced in developing production systems for data validation, process automation, and advanced analytics across domains such as finance, procurement, and sales. Proficient in Python, machine learning, NLP, and computer vision, with additional expertise in cross-platform mobile development. Focused on delivering intelligent automation that improves efficiency, reduces manual work, and drives measurable business value—while upholding high standards of security and performance.

EXPERIENCE

Junior Data Analyst

August 2025 – Present

Manaseer Industrial Complex (MIC) | Amman, Jordan

- Engineered and deployed cross-platform mobile applications using **Flutter** and **Firestore**, supporting operational workflows and enabling real-time data exchange across business units.
- Designed and implemented end-to-end data management systems leveraging **SQL**, **ETL pipelines**, and custom validation logic for data entry structuring, integrity enforcement, and reporting automation.
- Built desktop applications with **Python** and **PySide6** for big data handling, integrating with **Power BI** via ODBC and API connectors to facilitate real-time business intelligence and analytics.

Data Analysis Trainee

February 2025 – August 2025

Manaseer Industrial Complex (MIC) | Amman, Jordan

- Completed intensive 6-month professional training program in data analysis, Python programming, and enterprise application development
- Mastered advanced Excel techniques for business analytics through 1.5-month specialized training focused on industrial applications
- Developed production-ready applications including AI classification systems, mobile platforms, and data management solutions
- Gained hands-on experience with SQL database management, ETL processes, and business intelligence tool integration
- Designed and launched a personal website, building skills in web development, MySQL connections, and content management systems

Data Science Trainee

February 2024 – August 2024

Just Development | Amman, Jordan

- Developed sentiment analysis system for customer feedback using NLP techniques, processing text data to extract actionable insights
- Built predictive model for business operations using TensorFlow and neural networks, achieving accurate forecasting for invoice projections
- Implemented data preprocessing pipelines with scikit-learn for feature engineering and model optimization
- Created PyQt5 GUI application for real-time predictions with dynamic form validation and location-based filtering

Customer Service Representative

October 2021 – June 2023

Al-Masar Company | Amman, Jordan

- Managed complex customer inquiries while maintaining 95% satisfaction rating through effective problem resolution
- Provided comprehensive technical support and product guidance to diverse customer base
- Developed strong analytical and communication skills in fast-paced service environment

KEY PROJECTS

AI Procurement Classification System

Implemented machine learning solution for automated item categorization using UNSPSC international standards. System processes thousands of procurement descriptions daily with 80% accuracy, significantly improving operational efficiency.

Tatawor Order Management System

Built comprehensive mobile application for Tatawor Construction Company enabling efficient order management with real-time tracking, push notifications, Arabic language support, and data encryption for secure business operations.

Sustainable Book Share Platform (Graduation Project)

Developed full-stack book-sharing platform for university students featuring trading, buying, selling, and donation capabilities with integrated book repair services and recommendation algorithms.

LangChain AI Applications Suite

Created six AI-powered applications including YouTube content summarizer, CSV data analyzer, customer feedback analysis system, and automated email generator utilizing ChatGPT API and transformer models.

Voice Cloning & Translation System

Engineered advanced AI system for cross-language voice synthesis, preserving original voice characteristics while translating English to Arabic using deep learning models for realistic voice reproduction.

Object Recognition System (Raspberry Pi)

Built real-time object detection and recognition system using computer vision algorithms on Raspberry Pi for edge computing applications with optimized performance for resource-constrained devices.

Business Intelligence Prediction Model

Developed neural network model using TensorFlow for invoice prediction, implementing feature engineering with scikit-learn and creating PyQt5 interface for business users to generate real-time forecasts.

TECHNICAL SKILLS

Programming Languages: Python, Dart, SQL, JavaScript, Java, Scala, C++, Swift, R

Data Analysis & BI: Pandas, NumPy, Excel (Advanced), Power BI, Tableau, Statistical Analysis, ETL

AI & Machine Learning: TensorFlow, PyTorch, Scikit-learn, LangChain, NLP, Computer Vision, Deep Learning

Development Frameworks: Flutter, PySide6/PyQt5, REST APIs, Git, WordPress, Unity, Unreal Engine 5

Database Technologies: Oracle APEX, MySQL, MongoDB (basic), Database Design, Query Optimization

Big Data & Distributed Systems: Apache Spark

Security & Access: Application Security, Device Authentication, Data Validation, User Access Control

EDUCATION

Bachelor of Science in Data Science and Artificial Intelligence

University of Petra | Amman, Jordan | Grade: Very Good

Specialized in application programming, data analysis, machine learning algorithms, and AI solution development

CERTIFICATIONS & TRAINING

Data Analysis Trainee Certificate - Manaseer Industrial Complex (2025)

Flutter Mobile Development - The Hope International (2023)

Python Programming - Udemy (2023)

Unreal Engine Development - Udemy

ADDITIONAL INFORMATION

Languages: Arabic (Native), English (Very Good)

Availability: Open to relocation and remote opportunities

Citizenship: Jordanian citizen ready to work in any country