

Rakan Hussein

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Jordan - Amman - Alsalhein

AI ENGINEER

a passionate individual who loves to learn and constantly strives to be the best version of himself. always eager to explore new things and work hard to excel in what I do. commitment to self-improvement is a big part of who I am, and I believe in the power of continuous growth and learning.

STRENGTHS AND EXPERTISE

- Big Data Processing
- Natural Language Processing (NLP)
- Machine Learning
- Computer Vision
- AI Model Deployment
- LLMs
- Power Bi (insightful Dashboards)
- Hands-on Experience with AI
- Models Collaboration & Teamwork

EDUCATION

BAU - Balqa applied university 2020 - 2024
Bachelor Degree in Data Science (Honors)
Ranked 1st in class - GPA :3.84

PROFESSIONAL EXPERIENCE

Menaitech Nov 2023 - Present
AI Engineer

At MenaITech, the only AI Engineer, leading AI projects and training AI and data science trainees. contributed to improving the company's HRMS by integrating AI for better functionality and data analysis. also assisted in developing web and PHP applications when needed, balancing technical work with collaboration to align AI solutions with the company's goals.

Accomplishments:

- successfully integrated AI into the HRMS, enhancing system functionality and automating processes to improve efficiency and user experience.
- Developed a personalized chatbot that allowed users to request employee services, such as vacations and leaves, through AI voice commands.
- Created an AI-powered help desk that assisted clients in using and learning the company's HRMS, improving user support and adoption, which took down a huge load on the customer support team.
- collaborated on the Amman government app, developing an intelligent, voice-enabled chatbot that provided users with a seamless, hands-free experience, making it easier to navigate and access services on the go.

AKEEN May 2023 - March 2024
AI Engineer - part time

At Akeen, worked part-time, helping to develop and integrate AI into a VR game for engineering education and house construction. used AI to make the experience more interactive, allowing engineers to practice real-world tasks in a virtual environment.

Accomplishments:

- Optimized the original API, reducing response time from approximately 2:16 seconds per call to just 6.8 seconds, significantly improving performance.
- Developed a pipeline that processes 2D plan images from the VR game, extracting information such as room area and spatial relationships, to assess the accuracy of user structures and provide feedback.
- Introduced and implemented a floating chatbot in the game, offering players instant access to general information and tips to enhance their builds.

During my training at MenaITech, worked on web and full-stack development projects, honing my skills in PHP, JavaScript, HTML, and CSS. also gained experience with Single Sign-On (SSO) integration, which gave me practical exposure to building dynamic and secure web applications. This hands-on experience helped me develop a solid foundation in full-stack development.

OTHER PROJECTS

E-commerce Platform

Developed an e-commerce platform with user authentication, product management, and payment gateways.

Aonak - Cybersecurity Awareness Chatbot

Created a personalized chatbot to educate users on security and cybersecurity practices.

Paluse Guard - Stroke Prediction System

- Developed a prediction system to assess the risk of brain strokes for AFib and non-AFib patients using machine learning models.
- Provided personalized recommendations based on patient data, helping reduce stroke risks through actionable insights.

CV Parser and Vacancy Match System

Developed an ML-based parser to extract CV details, generate summaries, and rank candidates based on job fit.

PROGRAMMING LANGUAGES

- **Python (advanced)**
- **PHP (advanced)**
- **JavaScript (advanced)**
- **HTML/CSS (advanced)**
- **SQL (Intermediate)**
- **NodeJS (Intermediate)**
- **C++ (Intermediate)**
- **Java (Intermediate)**
- **C# (beginner)**

LANGUAGES

- **Arabic - Fluent**
- **English - Excellent**