

Mohammed Al-Najjar

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🌐 Mohammed Abdullah 🏠 GitHub Projects 📁 Portfolio

PROFILE

Dynamic and technically proficient developer bridging the gap between modern web development and data science. Experienced in building responsive, high-performance applications using Next.js and Tailwind CSS, backed by a strong foundational background in data processing and machine learning. A rapid learner and natural problem-solver, eager to bring a unique blend of frontend expertise and AI enthusiasm to an innovative development team.

PROFESSIONAL EXPERIENCE

Web & AI Developer 06/2025 – Present
Freelancer

Junior Business Analyst 08/2024 – 05/2025
Microsystems LLC Amman, Jordan

EDUCATION

Bachelor's Degree in Business Information Technology 10/2019 – 07/2023
The University of Jordan Amman, Jordan
GPA: 3.38 (Very Good)

PROJECTS

Immersive E-commerce Website 11/2025 – Present
Agentic Shopping Assistant

- A website that can be adapted to any type E-commerce website such as retail, grocery, wholesale goods, and more. Built using Next.js and Tailwind with a focus on performance, user experience, speed, and responsiveness.
- The website is set to use agentic AI which acts as a shopping assistant and an AI customer support. Along with other advancements that should enhance customer experience, and drive sells.

Fine-Tuning Large Language Models 08/2025 – 11/2025
Processed complex language datasets and fine-tuned open-source large language models utilizing PyTorch and Hugging Face Transformers.

PDF Header Reader 06/2024

- A program that works on searchable PDFs to extract information based headers. The program cleans the PDF, identifies header and non-header text, creates a tree like structure of the document based on header levels, and uses a recursive function to find the requested header and return its content.

Advanced Registration Website 10/2022 – 06/2023
Project Manager and Team Member | Graduation Project
Supervised by: Prof. Ibrahim Aljarah & Prof. Omar Al-Kadi (Project 1) | M. Mariam Itriq (Project 2)

- A full stack implementation with the use of HTML, CSS, Bootstrap and JavaScript for the front-end, ASP.NET/C# for the back-end, Microsoft SQL Server for the database, and Python for the machine learning.
- Worked on a recommendation system for the university's student registration that uses machine learning to recommend timed schedules for students which uses hybrid filtering of collaborative and content-based filtering with the use of NLP and K-Means Clustering, and a CVXPY optimization function to find the optimal schedule for each student and apply hard and soft constraints.

Business Analytics Report 2022
Worked on multiple datasets performing different data analysis methods using Microsoft Excel including descriptive statistic, regression analysis, and predictive analysis and providing the finding in the form of a business report.

COURSES

Data Analysis with Python <i>Coursera</i>	04/2026
Fine-tuning Language Models <i>Hugging Face</i>	07/2025
Using Hugging Face Transformers <i>Hugging Face</i>	07/2025
Fundamentals of LLMs <i>Hugging Face</i>	07/2025
IBM Data Science Professional Certificate <i>IBM Coursera</i>	03/2024 – present
Python for Data Science and Machine Learning <i>Udemy</i>	2023
Advanced Facilitation Skills <i>Nahno Center for Training and Development</i>	12/2021
Effective Leadership Techniques <i>Nahno Center for Training and Development</i>	12/2021
Full Stack Development Track Completion <i>Udacity 1 Million Arab Coders Initiative</i>	09/2020
Full Stack Development Track Participation <i>Udacity 1 Million Arab Coders Initiative</i>	06/2020

VOLUNTEERING

Monitoring, Evaluation and Learning Volunteer <i>Jordan River Foundation</i>	02/2026 – 03/2026
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A Total Number Of 166 Recorded Volunteering and Participation Opportunities Hours Through Nahno.org, Most Notably:-

- Nahno Ambassador at Jordan University (50 Hours) | 2021/2022
- Follow-up Volunteer (6 Hours) – Naua Initiative | Sep 2022
- Translating Articles About Artificial Intelligence On Arabic Wikipedia (32 Hours) – The Arabic Content Club At The Hashemite University | Oct 2021
- The Open Day With The Children's Museum (9 Hours) – National Children's Museum Association | Nov 2021

SOFT SKILLS

- Hard Working
- Fast Learner
- Adaptability
- Communication
- Leadership
- Writing

HARD SKILLS

- Python
- NextJS
- Tailwind
- SQL
- Execl
- Wiki Data
- Figma
- Java
- C++
- ASP.NET

LANGUAGES

Arabic
Native Speaker

English
IELTS - 6.0 | 2019