Ghadeer Ali Zahwe

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Dedicated AI and ML enthusiast with experience in web development, robotics, and workflow automation, seeking opportunities to shape the future of AI and emerging technologies.

Skills

- **LLM & AI Platforms //** OpenAI ChatGPT, Anthropic Claude, Perplexity AI, Gemini, Deepseek

- **Automation & Workflow Tools //** n8n, Relevance AI

- **Deployment //** Hostinger (hosting/deployment)

- **Programming (and Scripting) Languages //** Python, JavaScript, PHP, and SQL

- **Database Management Systems //** MySQL, and MongoDB

- **Frameworks and Libraries //** Laravel v9.x, React, React Native, Node.js, Express, .NET, Bootstrap 5, and Electron.js

- **Tools and Cloud Service //** GitHub, Postman, and Figma

- **Theory //** Complexity Analysis, Data Structures and Algorithms, Design Patterns, and OOP

Professional Experience

ACE – AI & Robotics Educator & Researcher, Hazmieh, Lebanon

Sep 2024 – Aug 2025

- Designed and delivered Robotics, AI, and ML curricula tailored to Lebanese schools, aligned with the national program.
- Conducted hands-on lab sessions using robots (mBot 1, mBot 2, TinyBits, mTiny) and microcontrollers (Micro:bit, Yahboom kits) through MakeCode and mBlock.
- Integrated Sensor Kits with sensors (ultrasonic, photosensitive, humidity, temperature, sound, light and more sensors) to demonstrate real-world applications.
- Taught Python and block coding across different school cycles, simplifying complex AI concepts (supervised and unsupervised machine learning models).
- Collaborated with educators to embed AI and robotics in school programs and provided ongoing lab mentoring.

Auvia Group – ASP.NET MVC Web Developer, Bechara El-Khoury, Lebanon

May 2023 – Sep 2023

- Built and maintained ERP system modules (CRM, HRM, Sales, Inventory, Accounting, etc.) using ASP.NET MVC5 and frontend technologies (HTML, CSS, JavaScript, jQuery, Knockout.js).
- Collaborated with team members to implement complex business logic and ensure seamless functionality across web applications.
- Provided system support, troubleshooting, and ongoing maintenance to enhance user experience.
- Managed development tasks and issue tracking with DevOps Boards.

Alpha Technology Group – ASP.NET Core Web Developer Intern, Sin EL Fil, Lebanon

November 2022 – January 2023

- Documented system features.
- Migrated code parts from ASP.NET to the ASP.NET Core Framework
- Developed web helpers using the C sharp programming language and ASP.NET Razor views.
- Participated in the scrum meetings, utilized the Jira scrum board for daily task management, collaborated with the QA team to validate deliverables and refactored existing code.

Projects

iDonate [**[GitHub Link](#)**]

A mobile app is designed to facilitate the donation process of excess food waste, connecting donors with delivery drivers. Offering features like IoT-enabled Smart Weight Sensor designed for real-time weight monitoring and live location tracking. Complemented by a desktop admin panel.

- **Front-end //** React, and React Native
- **Back-end //** Laravel
- **Database //** MySQL

Training and Certifications

TheAIEngineers Program – FakkerAI (Remote - Self Paced Courses),

Lebanon October 2025

- Completed intensive training in AI and ML engineering, covering basics to advanced supervised and unsupervised learning models and algorithms (theory and practice).
- Worked on hands-on projects including: [Heart Disease Classifier](#), [News Clustering using KMeans](#), [Collaborative Movie Recommendation](#), [Customer Segmentation with KMeans](#), [Car Sales Prediction](#), *and* [Titanic Survival Prediction](#).
- Currently diving into Deep Learning and Computer Vision.

- **Vision:** Develop the ability to build intelligent AI agents from scratch, similar to how companies create SaaS products.

AI Automation Specialist Bootcamp – Quantum Base (Remote),

Lebanon August 2025 – September 2025

Currently enrolled in an intensive AI automation training program focused on building real-world automations with **n8n** and **Relevance AI**, covering:

- Designing and deploying **AI agent workflows** with triggers, responses, and conditional logic.
- Hands-on projects include **Chat AI Agent with Web Search,** Email AI Agent**, Form Flow for lead qualification, Personal Assistant with LLM chains, Corporate Jingle Generator, Birthday Song Maker, Invoice Agent, and Upgraded Personal Assistant with GraphRAG and WhatsApp**.
- Integrating tools such as **Google Sheets, Apify, WhatsApp API, and custom API nodes**.
- Applying **LLM chains, RAG/GraphRAG, and agentic AI** to build personal assistants, lead qualification systems, and invoice-processing agents.
- Mastering the **art of prompting** and applying AI/ML concepts to automate workflows.
- Hands-on **hosting and deployment of automation pipelines on VPS**, testing and optimizing workflows in real-world scenarios.

Full-Stack Web Development Bootcamp – SE Factory, Lebanon

October 2023 – January 2024

Completed an intensive full-stack web development program covering cloud architecture, front- and back-end development, source control, and web application security over 12 weeks of lectures, workshops, and projects.

.NET Bootcamp – DgPad, ALBAB Creative Coworking, Lebanon

August 2022 – September 2022

Completed a content management system [CMS] for an online news website using ASP.NET Core MVC, HTML, CSS and bootstrap.

Education

Bachelor of Science (B.S.) Computer Science – Al Maaref University, Lebanon

October 2019 – November 2022

Languages

Arabic (Native); English (Fluent); French (Beginner).