

Hadi Khalifeh

Software Developer & AI Engineer

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CAREER SUMMERY

Results-driven Software Developer and AI Engineer experience in full-stack web and mobile development and a recent specialization in Artificial Intelligence. Proficient in designing, developing, and deploying end-to-end software solutions — from responsive web applications and cross-platform mobile apps to intelligent AI-powered systems leveraging LLMs, RAG architectures, multi-agent frameworks, and NLP.

Experienced in AI Automation using tools such as n8n and ElevenLabs, enabling businesses to automate complex workflows, integrate voice AI capabilities, and build intelligent process pipelines. Skilled in connecting APIs, designing automation logic, and deploying production-ready AI-driven workflows.

Adept at working across the full Software Development Lifecycle (SDLC), with strong problem-solving skills, a passion for clean architecture, and a commitment to delivering scalable, high-quality solutions. Seeking to contribute as a Software Developer or AI Engineer in a forward-thinking technology company.

POFFESIONAL EXPERIANCE

AI Engineer (Freelance / Personal Projects)

Sep 2025 – Present

- **End-to-End Medical AI Assistant (RAG System)**

Built a full-stack Retrieval-Augmented Generation system enabling medical professionals to query patient PDF records via natural language. Designed a document ingestion pipeline (PDF loading, chunking, embedding) with **Pinecone** vector database for semantic search. Implemented low-latency inference using **Groq (LLaMA-3-70B)** with a **FastAPI** backend and **Streamlit** frontend. Focused on deployment optimization and production-ready architecture.

- **HR Assistant AI — Multi-Agent System**

Developed an intelligent HR assistant using a **multi-agent architecture** (Leave Agent, Salary Agent, Policy Agent) coordinated by a Router Agent. Integrated **Gemini LLM** for natural-language responses. Built a web frontend with **Flask** including login and conversation memory. Data-driven design using CSV-based employee and policy records.

- **AI Resume Analyzer — ATS-Powered Evaluation Tool**

Created a full-stack AI system that evaluates resumes against job descriptions using **Sentence Transformers** for ATS scoring and **LLM-based** analysis for improvement suggestions. Deployed live: ai-resume-analyzer-project.streamlit.app

- **AI Travel Agent — Production Deployment**

Designed and deployed a production-ready AI travel planner with specialized agents for destination research, itinerary planning, and recommendations using **Gemini LLMs** and **SerpAPI**. Modular architecture deployed on **Streamlit Cloud**: travelagent8.streamlit.app

- **Google Calendar AI Assistant**

Built an intelligent chatbot integrated with **Google Calendar** for automated event management (create, update, view, delete) via natural-language interaction.

- **SOPHIA — AI Voice Assistant**

Designed a desktop voice assistant executing system/web actions through voice commands. Implemented speech recognition and TTS pipelines with a local **SQLite** database for application mapping.

- **Telegram AI Chatbot**

Deployed an AI-powered Telegram bot for real-time Q&A using **Python**, **LangChain**, and **Gemini AI**.

Live: t.me/AICBGBot

AI Automation Engineer (Freelance / Personal Projects)

2025 – Present

- **Expense Tracker Automation (n8n, AI, Telegram)**

Built an n8n workflow that converts Telegram text/voice messages into structured expense records and logs them automatically into Google Sheets using an AI Agent (Gemini) and speech-to-text.

Full-Stack Web & Mobile Developer (Freelance)

Feb 2021 – Present

- **E-Commerce Application (Flutter + Laravel)**

Developed a complete e-commerce platform with three apps: User App (registration, OTP, categories, cart, coupons, checkout, notifications), Delivery App (order management), and Admin Dashboard. Tech stack: Flutter, Laravel, MySQL, Firebase.

- **Water Distribution Management System**

Built a mobile app and web admin dashboard for water delivery companies. Implemented offline-first architecture with SQLite sync, invoice tracking, and customer management. Tech stack: Flutter, Laravel, MySQL, SQLite.

- **Home Services Marketplace**

Created a multi-user platform (Admin, Service Provider, Customer) for booking home maintenance services with category-based service listings.

- **School Management System**

Developed a comprehensive system for managing classes, attendance, grades, and resources with role-based access for teachers, students, parents, and administrators.

- **Restaurant Mobile Application** — Built a mobile ordering app for restaurant operations.

- **Crepe & Coffee Order Management System** — Developed a POS-style order management system.

Web & Desktop Developer — IBITS Company

Jan 2018 – Mar 2020

Developed a news portal covering political, sports, and economic news with a full admin dashboard for content management.

Built an invoice management system with intuitive tools for efficient billing control and organization.

Created a desktop application for a civil engineering office to streamline project documentation and workflows.

EDUCATION

BS in Computer Science | Islamic University of Lebanon, Beirut

Oct 2014 – Jul 2018

Technical Baccalaureate in Information Technology | Al Wafaa Technical Institute, Sarafand

Oct 2011 – Jul 2014

CERTIFICATIONS

-  **2025 AI Engineering Course** — TheAIEngineer Company (Machine Learning, Deep Learning, LLMs, NLP, Computer Vision, Generative AI)
- **2022 Multiple Full-Stack Web Developer Certifications** — Udemy

