

AMMAR AZIZ SALMAN

Applied AI Consultant & Builder | Python, AI Tools & Automation

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PROFESSIONAL SUMMARY

Information Technology graduate focused on making modern AI useful for real work. Built independent prototypes spanning AI-assisted mobile intake, LLM-guided digital-evidence analysis, workflow automation, and desktop operations software. Combines Python, TypeScript, n8n, application development, and Arabic-English communication to explain technical options, shape practical use cases, and build clear, testable tools, automations, and prototypes.

CORE SKILLS

Applied AI & Automation: Gemini, Groq, n8n, LLM-assisted applications, structured outputs, workflow automation

Programming: Python, TypeScript, JavaScript, C++, SQL, HTML/CSS

Applications & Data: React Native, Expo, Express, Prisma, Supabase, Firebase, SQLite, Windows desktop applications

Models & Tools: Random Forest, XGBoost, DistilBERT, CNNs, autoencoders, Git/GitHub, Docker, Linux, Windows

SELECTED APPLIED AI & SOFTWARE PROJECTS

MedBrief | AI-Assisted Patient Pre-Assessment Mobile Prototype

- Built an Expo/React Native and TypeScript mobile prototype with Supabase and an Express/Prisma backend, using Groq-hosted models for structured pre-appointment interviews.
- Converted patient responses into a structured report for the doctor; earned first place in a 48-hour application-building competition.

Masowkji | Delivery Service Management Desktop Application

2024

- Developed a Windows desktop application for a local delivery business to support daily service management and operational organization.

Forensic Scanner Pro | LLM-Assisted Digital Evidence Analysis | Individual Graduation Project

- Developed a Python application combining LLM-guided pattern selection with regex-based extraction for digital evidence analysis.
- Processed PDF, Word, CSV, image, executable, and binary files through one unified interface.

TECHNICAL EXPERIENCE

Independent Applied AI & Software Projects | Babil, Iraq

2023 – 2026

- Built independent projects across applied AI, desktop software, automation, machine learning, IoT, networking, and technical study tools.
- Built experimental n8n workflows that connect to local computer and network resources to automate basic security checks and network-audit tasks.
- Explored machine learning, deep learning, and connected-device use cases with Random Forest, XGBoost, DistilBERT, CNNs, autoencoders, Arduino, and ESP32; translated technical study material from English to Arabic.

Information Technology Intern | Babylon Police Command | Babil, Iraq

Jun 2025

- Completed a one-month university internship observing IT and network operations, daily-workflow software, common technical issues, and troubleshooting approaches.

EDUCATION

Bachelor's Degree in Information Technology

Jan 2023 – Jun 2026

University of Babylon, College of Information Technology | Babil, Iraq

Relevant coursework: Programming, Databases, Artificial Intelligence, Operating Systems, Networking, Cryptography, and Digital Forensics.

LEADERSHIP & ACHIEVEMENTS

- Earned first place in a 48-hour mobile application competition for MedBrief and third place in a one-hour AI-assisted mobile application challenge.
- Helped establish English On within Google Developer Student Clubs at the University of Babylon (2023–2024), organizing weekly English-only speaking sessions and presenting to students.

LANGUAGES

Arabic: Native | **English:** Professional Working Proficiency