

Mohammed Abdul-Rahman Mahmoud

Software Developer | IT & Data Specialist — Humanitarian & Development Programs

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Professional Summary

I am a software developer and IT & data specialist from Salah al-Din. I have a documented track record of building and delivering database-driven systems and digital tools used commercially in Iraq — including a system managing around 100,000 records across 19 regional supervisors. I have hands-on experience in database design, data entry, validation and reporting, alongside strong IT and systems skills. I know Salah al-Din governorate, its communities and local stakeholders very well, and I have connections with local authorities. I am fluent in Arabic and have intermediate, working-level English, and I am committed to accuracy, confidentiality and the “Do No Harm” handling of sensitive data. I am able to build the data-collection forms and digital tools an employer needs (such as KoboToolbox / ODK Collect forms) on request, and I am seeking to apply my technical and analytical skills to support humanitarian and development programs in Salah al-Din.

Key Skills

- **Data collection & management:** database design and administration (MySQL, MariaDB, SQLite), data entry, validation, cleaning and quality control; able to build data-collection forms with KoboToolbox / ODK Collect on request.
- **Reporting & analysis:** building structured reports and dashboards, record-keeping, and timely accurate data entry into databases.
- **IT & systems:** LAN-First systems for low-connectivity field environments, Windows Server, Linux, network setup and troubleshooting; Microsoft Office (Word, Excel).
- **Data protection:** confidentiality awareness, data protection, and “Do No Harm” handling of sensitive beneficiary data (information-security background).
- **Software development:** PHP, JavaScript, Python, Laravel, Vue.js — building custom tools, automation and forms.
- **Local knowledge:** strong familiarity with Salah al-Din districts (Tikrit, Balad, Dujail, Samarra, Shirqat) and connections with local communities and authorities.
- **Core competencies:** teamwork, accountability, attention to detail, integrity, and clear communication.
- **Languages:** Arabic — Native; English — Intermediate (working proficiency).

Experience & Projects

Freelance Software & Database Developer — Salah al-Din (2021 – Present)

- **Regional Data Management System:** I built and administered a centralized database managing around 100,000 records across 19 regional supervisors, with data-entry workflows, validation, role-based access and reporting (client name withheld for confidentiality).
- [Clinic OS — Clinic Management System \(2021\)](#): I built an integrated, database-driven system linking staff over a local network with no internet required — directly transferable to field data management in low-connectivity settings; delivered and sold commercially.
- [Tijarati — Sales & Inventory Management System \(2025–2026\)](#): I designed point-of-sale, inventory, invoicing, customer records and reporting.
- [SLMOS Store \(2025\)](#): I delivered ready-made and custom software solutions on demand, handling project delivery and client coordination.

Achievements & Recognition

- 4th place nationally — CyberTalents Iraq CTF 2020 (national cybersecurity competition).
[devlinuxsuper » CyberTalents](#)
- Letter of Appreciation from Al-Hadhraa University College for outstanding software projects.
- Delivered software systems now used commercially by clinics and businesses in Iraq, including a data platform managing around 100,000 records across 19 regional supervisors.

Education

- Computer Engineering Technologies (3rd year — ongoing) — Al-Hadhraa University College, 2022–Present.
- Medical Equipment Maintenance — Vocational Diploma — Tikrit Vocational High School, 2019–2021 (GPA 73.29).

References

- Available on request.