

Mahmoud Mahmoud

Date of birth: 17/02/1999 | **Nationality:** Syrian | **Email address:** contact@mahmoudtr.com | **Website:**

<https://mahmoudtr.com> | **LinkedIn:** [mahmoudtr](#) | **Whatsapp Messenger:** +963938318491

● ABOUT ME

Senior Full Stack Developer, Software Engineer, and Team Lead with hands-on experience delivering scalable, high-performance web applications. I have a strong background in architecture, optimization, and modern deployment workflows, and known for leading teams through technical situations, maintaining legacy systems, and delivering reliable solutions. Building enterprise web projects from scratch to delivery and long-term maintenance.

● PROJECTS

Comprehensive Enterprise Parking Management System (Ibtipark)

- Led the design and delivery of features on multiple sprints with a **RESTful API** and Integration with a **third-party AI recognition service**, built under extreme conditions.
- Improved endpoint performance by approximately **99.7%** by identifying and resolving multiple layers of N+1 query inefficiency issues, including hidden and indirect query patterns.
- Refactored and optimized database access logic to reduce response times from seconds to milliseconds.
- Integrated a **full-text search engine** to support fast and scalable data retrieval.
- Implemented multiple dashboards with an **RBAC system**, with dynamic roles and static permissions.

E-Commerce Platform for Pet Products (Paws)

- Built, maintained, and delivered a **multi-locale full-featured B2C e-commerce platform** focused on pet products and services.
- Built an **inventory management system** supporting **multiple suppliers, service providers, and independent stores** selling products through the app to end users.
- Designed **custom transaction and invoicing logic** to support **complex and custom purchase flows**, commissions, and supplyment logic.
- Developed **REST APIs** used by both **web and mobile applications** to ensure consistent business logic across platforms.
- Integrated an **AI-powered chatbot** (ChatGPT-based) to help pet owners with general information.
- Integrated a **custom-built AI search engine** to assist users with product discovery, **receive recommendations**, and filter identification.
- Implemented **in-app chat** and **notification systems** to support **real-time** communication between users, suppliers, and service providers.
- Built a **complex pet food calculator** to assist users in deciding the right amount of food with personalized recommendations based on pet attributes and needs.
- Added a **content-driven blog system** to support **SEO**, education, and **user engagement**.

Legacy System Migration to Modern E-Commerce & LMS Platform (Confidential)

- Led the migration of a complex legacy system into a modern, scalable platform combining **e-commerce** and **learning management (LMS)** capabilities, without losing any important data.
- Architected core business logic to support product sales, **digital content delivery**, and user progress tracking within a single unified system integrated with multiple third-party services.
- Integrated multiple payment methods, including **Stripe, Tabby, and Apple Pay**, ensuring secure and reliable transaction handling.
- Implemented automated invoicing and accounting workflows through **Daftra**, aligning the platform with real-world business and compliance requirements
- Implemented multiple dashboards with an **RBAC system** with dynamic roles and static permissions.

● WORK EXPERIENCE

FULL STACK WEB DEVELOPER & TEAM LEADER – QIT COMPANY – 08/2022 – Current – REMOTE, SYRIA

Website: <https://qit.company>

- Led the architecture and delivery of scalable web applications for international clients in **Europe** and the **Arabic Gulf Region**.
- Maintained and optimized legacy systems and took infrastructure-related decisions.

- **Guided** development teams through challenging delivery timelines and unstable system states.
- Mentored engineers enforcing shared conventions, development tools, clean code, **SOLID principles**, and best practices.
- Designed and maintained **RESTful APIs** supporting multiple front-end applications.
- Managed **Linux**-based servers and deployments using **Docker** and modern deployment tools such as **Forge**.
- Integrated **multiple payment gateways** (Stripe, Tabby, ZainCash, QI, Apple Pay) and third-party services (Zoho, Twilio, Melimu, DHL, OpenAI, Daftra) to support business growth and product expansion.

EDUCATION AND TRAINING

09/2017 – 08/2022 Homs, Syria

BACHELOR OF SOFTWARE ENGINEERING Homs University (formerly AL-Baath University)

- Graduated with distinction and academic experience.
- Strong foundation in data structures, algorithms, system design, software architecture, and IT theories.
- Active participation in **ACM programming** contests and academic full-stack projects

Website <https://homs-univ.edu.sy/en/>

HONOURS AND AWARDS

07/2019

Al-Baath University Programming Contest (Relentless Programmers) – SCPC - Syrian Collegiate Programming Contest

Awarded the “**Relentless Programmers**” of the 2019 Al-Baath University Contest for the Africa & Arab Collegiate Programming Championship (ACPC) under the International Collegiate Programming Contest (ICPC). This accolade highlights my dedication to excellence in software engineering and competitive programming, as well as my ability to collaborate effectively with elite teams under pressure.

Link https://drive.google.com/file/d/1vxTbu07-DtMdx7ULqJssfa_3Djy67Alf/view

LANGUAGE SKILLS

Mother tongue(s): **ARABIC**

Other language(s):

	UNDERSTANDING		SPEAKING		WRITING
	Listening	Reading	Spoken production	Spoken interaction	
ENGLISH	C1	C1	C1	C1	C1
FRENCH	A1	A1	A1	A1	A1

Levels: A1 and A2: Basic user; B1 and B2: Independent user; C1 and C2: Proficient user

SKILLS

Technical Skills

Laravel | CSS | Git | Vue.js | MySQL | JavaScript | WordPress | SQLite | MeiliSearch | Horizon | Linux | Sail | SQL | Docker | PHP | HTML | PostgreSQL | Redis | Ocatane | OOP | Telescope | Alpine.js | RESTful API | FrankenPHP | Object Oriented Programming | Server Administration | Functional Programming | Tailwind CSS | Bootstrap | jQuery | Composer | NPM | LaraStan | Pest | CMS | Gitlab | Pinia | Inertia | Troubleshoot | System Design | Github | MVC | Nightwatch | Caddy | ChatGPT | Architecture | System Integration | Postman | ERP | Relational Database | E-Commerce | SEO | RSS | Feature Testing | PHPStan | Apache | Nginx | WebPack | Unit Testing | XML | Ajax | Vite | Pint | JSON | Open-Source | Bitbucket | Problem Solving | Design Patterns | Bash | Python | Forge | Version Control | Front-End | Back-End | Full-Stack

Project Management

Leadership | Decision Making | Scheduling | Scrum | Agile Methodologies | Trello | Documenting | Jira | Code Review | Prioritizing Tasks | Motivating | ClickUP | Mentoring

Soft Skills

Communication | Continuous Learning | Adaptability | Time Management | Fast Learning | Critical Thinking | Commitment | Considering | Convincing