

# Marwa Mahmoud Mohamed

## Senior Software Engineer

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A highly skilled Senior Software Engineer with over 5 years of experience specializing in Angular, ASP.NET Core, TypeScript, JavaScript, and SQL Server. Adept at designing and delivering high-performance, scalable web applications, with expertise in integrating complex RESTful APIs and optimizing backend systems. Proven track record of success in Agile environments, leading cross-functional teams to consistently achieve and surpass project goals and client expectations. Recognized for exceptional technical expertise, including top rankings in competitive programming and designation as a freelance expert by the ITI.

### KEY COMPETENCIES

- Full Stack Development
- Frontend Development
- Backend Development
- Angular, RxJs
- ASP.NET Core / ASP.NET Web API
- JavaScript / TypeScript
- RESTful APIs
- SQL Server Optimization
- SEO & Google Lighthouse
- Bootstrap / Tailwind CSS
- React / Next.js
- Node.js
- Unit Testing
- AI Integration
- Agile Methodology (Scrum)

### PROFESSIONAL EXPERIENCE

#### Senior Frontend Angular Developer | AI-Skilled, Riyadh, Saudi Arabia · Remote

Sep 2024 - Feb 2026

##### Projects: [AI-Skilled Website](#)

- Optimize responsive interfaces using Tailwind CSS, improving dashboard load speeds by 15% and ensuring a seamless, user-friendly experience.
- Build an AI-driven chat interface using RESTful APIs to automate sales interactions, boosting team productivity by 25%.
- Integrate AI-driven systems and RESTful APIs to ensure reliable, real-time data communication and robust backend interactions.
- Leverage Angular 19+ features and efficient CSS techniques to optimize load times and rendering across applications.
- Lead and mentor a frontend team, promote best practices in Angular 19+ and Tailwind CSS, and ensure high-quality code delivery.
- Collaborate with cross-functional teams to translate AI and business needs into responsive, user-centric web solutions using Angular 19+.
- Consistently deliver 95%+ of committed sprint tasks in an Agile environment, leveraging Story Points to improve estimation accuracy and team velocity.
- Maintain a strong track record of delivering high-quality code with a 95% first-pass rate in QA, testing, minimizing rework, and accelerating production deployments.
- Regularly propose ideas that align with business goals, achieving a 90% stakeholder approval rate and leading to actionable product improvements.
- Integrate secure RESTful APIs and WebSockets to enable real-time data synchronization, improving system responsiveness for live updates.

#### Software Engineer | Freelance

May 2023 - Aug 2024

- Managed full SDLC, from requirements gathering to deployment, delivering over 8 high-quality web applications.
- Built scalable, secure backends using .NET Core, ensuring robust performance for enterprise and startup solutions.
- Developed dynamic, responsive user interfaces with Angular, providing a seamless user experience across platforms.
- Delivered clean, maintainable code on time, earning a top-rated freelance status for client satisfaction.
- Integrated third-party APIs, payment gateways, and SQL Server databases to enhance application functionality.
- Provided innovative solutions to complex technical challenges, exceeding client expectations.

#### Mid-Level Frontend Angular Developer | Part Time | Smart Online Solutions, Kuwait - Remote

Sep 2023 - Mar 2024

- Developed scalable e-commerce platforms using Angular and Bootstrap, enabling users to list and purchase high-value assets such as vehicles and real estate.
- Created interactive product catalogs and advanced search filters, resulting in a 25% increase in user engagement.
- Optimized application performance and SEO using Google Lighthouse, achieving 90+ performance scores and reducing page load times by 40%.
- Integrated secure RESTful APIs with JWT-based authentication and authorization to ensure robust and reliable user access control.
- Led cross-functional collaboration with UI/UX teams to deliver mobile-first, responsive designs with 100% design fidelity and enhanced accessibility.

- Developed scalable e-commerce and ERP platforms using AngularJS and Bootstrap, ensuring high performance and long-term maintainability.
- Performed end-to-end testing and debugging to guarantee functionality and performance across all devices and platforms.
- Built adaptive, high-performance user interfaces for high-traffic platforms such as WGym, leveraging JavaScript, Bootstrap, and advanced CSS techniques.
- Designed and implemented secure RESTful APIs to streamline complex business workflows and enable seamless integration with third-party services.
- Enhanced application performance and SEO using Google Lighthouse, optimizing load speed, mobile usability, and search visibility.
- Designed and optimized SQL Server database solutions to ensure efficient, reliable data storage and retrieval.

**Software Engineer | Freelance****Mar 2021 - Dec 2021**

- Successfully delivered 30+ diverse software projects ranging from web applications to desktop solutions and academic research implementations, maintaining a 100% client satisfaction rate and a high recurring client ratio.
- Architected and developed end-to-end web applications using Angular for frontend and ASP.NET Core (Web API) / MVC for backend, ensuring high performance and scalable architecture.
- Built responsive, interactive user interfaces using HTML5, CSS3, Bootstrap, JavaScript, and jQuery, with a focus on delivering seamless UX/UI across different platforms.
- Designed and managed complex relational databases using SQL Server and Oracle; authored advanced SQL queries and stored procedures to handle large datasets and complex business logic.
- Developed robust desktop applications using C#, WinForms, and DevExpress, providing tailored solutions for business automation and data management.
- Implemented complex algorithms and data analysis models using MATLAB, Python, and C# for postgraduate (Master's) research projects, ensuring high accuracy and technical rigor.
- Acted as a technical lead for all projects, from requirements gathering and system design to deployment and post-launch support, resulting in a strong reputation and consistent referrals.

**Problem Solving Trainee | ICPC Assiut University Community****Feb 2019 – Oct 2019****COURSES**

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- **CMS for Developers II: Best Practices** | HubSpot Academy | May 2024
- **SEO** | HubSpot Academy | May 2024
- **ES6 and Beyond** | Mahara Tech | May 2021
- **Machine Learning Developer Track (Beginner Level)** | Google Cloud Platform | Apr 2021
- **MongoDB Basics** | MongoDB University | Feb 2021

**ACHIEVEMENTS**

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- **Freelance Expert:** Added to the network of freelance experts on the ITI website by ITI Administration after ranking 1st in the Freelance course.. [View profile](#)
- **ECPC 2020:** Ranked 143rd in the Egyptian Competitive Programming Contest (ECPC).
- **Assiut Collegiate Programming Contest:** Secured 11th place in the Assiut Collegiate Programming Contest held in Oct 2019.

**EDUCATION**

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**Professional Diploma in Web and Business Intelligence (BI) Development**

Information Technology Institute (ITI), Assiut | 2021

**Bachelor's Degree in Computer Science****Assiut University | 2020**

Grade: Very Good

**LANGUAGE**

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