

ALHUSSIEN MADIAN

Web Development Course Presenter | Full Stack Developer & Mentor

+20 114 220 2166 | alhussienm@gmail.com | linkedin.com/in/alhussien-madian | alhussienmadian.com | Cairo, Egypt

PROFILE

Full Stack Web Developer and fluent-English communicator with 10+ years of hands-on experience across HTML, CSS, JavaScript, Angular, TypeScript, and .NET, paired with a genuine passion for teaching and a multi-year record of mentoring engineers through real-world, project-based work. Regularly designs structured, hands-on learning cycles — course material, guided labs, sample assignments, and Q&A-based assessment — that have taken 15+ interns and new hires from onboarding to independent delivery on live client projects. Comfortable explaining complex technical concepts clearly to audiences ranging from junior engineers to enterprise stakeholders, and has continuously picked up new platforms and frameworks throughout a career built on staying current with the latest tools in the field. Enthusiastic about extending this experience into recorded, project-based online courses and collaborating with a curriculum team to keep content fresh and industry-relevant.

CORE TECHNICAL SKILLS

Web Development: HTML5, CSS3, JavaScript, TypeScript, Angular, JQuery, RESTful APIs, responsive design

Backend & Full Stack: .NET Core, .NET Framework, C#, MS SQL Server

Mobile & Cross-Platform: Ionic, Cordova, Flutter fundamentals

Cloud & Tools: AWS (EC2, Elastic IP), Firebase, Git

Additional Platforms: OutSystems and Creatio low-code development (certified), reflecting continual upskilling across new technologies

Practices: Clean Architecture, Design Patterns, OOP, Algorithms & Data Structures, project-based learning design, technical documentation

TEACHING, MENTORING & PROJECT-BASED TRAINING

- Designed and delivered a structured project-based learning cycle (course material, hands-on labs, sample assignments, documentation review, Q&A evaluation) that took 15+ interns and new hires from onboarding to independent delivery on live projects.
- Mentored engineers through real-world applications rather than theory alone — guiding them through actual client proof-of-concept and production work as the learning vehicle.
- Built and delivered enablement curricula for enterprise clients (American University in Egypt, Petroleum Development Oman), adapting technical material for different audiences and skill levels.
- Coached trainees and fresh hires on engineering best practices at Qvision, and ran internal knowledge-sharing sessions to bring teams up to speed on new tools and standards.
- Continuously integrates new technologies into daily work and training material — most recently leading a full team transition onto the Creatio platform — mirroring the pace of change expected in web development.
- Strong written and verbal communicator in English, with experience producing structured technical documentation to IEEE standards and presenting to cross-regional stakeholders (USA, France, Egypt, Dubai, India).

PROFESSIONAL EXPERIENCE

Software Team Lead — .NET / Low-Code | Advansys-ESC

Jan 2025 — Present

- Lead the OutSystems / Low-Code Department, owning enablement, training, and delivery for real-world enterprise projects.
- Led delivery of proof-of-concept and production initiatives for National Bank of Egypt, Banque Misr, Abu Dhabi Sports Council (ADSC), KHDA (Dubai), and Petroleum Development Oman (PDO) — each used as a live training vehicle for junior team members.
- Led critical stabilization and multi-release recovery for AUC's mission-critical application, coaching the team through a weekly Agile/Kanban release cycle.
- Selected to lead Advansys-ESC's expansion into the Creatio low-code platform following the success of the OutSystems enablement program.

- Transitioned into OutSystems low-code development and earned the Associate Reactive Developer (O11) certification (Apr 2024).
- Delivered proof-of-concept projects including KHDA educational workflows, a visa processing system, and a scalable archival solution for the Central Bank of Egypt.
- Built the internship/enablement training program described above and mentored the first cohort of resources through certification.

- Modernized the General Tendering Tool (GTT), a global proposal-building platform used across Schneider Electric hubs, progressively migrating legacy Excel/Access/VB logic toward C#, .NET Core, and Angular.
- Worked directly with globally distributed stakeholders (USA, France, Egypt, Dubai, India) in weekly requirement and issue-resolution sessions.
- Received Schneider Electric's "Customer First" (x2) and "Detail-Oriented" recognitions for delivery quality and professionalism.

- Progressed through Junior R&D, Associate and Mid-Senior roles over the tenure.
- Built a cross-platform Quran mobile application (Android/iOS) and an Uber-like web and mobile platform.
- Developed web applications for multiple Saudi charity organizations and maintained the company's shared codebase across all solutions.
- Mentored trainees and fresh employees on best practices; delivered internal sessions to onboard the team onto upgraded infrastructure.

- Verified contractor work quantities (welding, installation, painting) supporting payment certificate preparation; built an internal tool to index drawings and generate quick reports, streamlining review turnaround.

- Served in an IT role aligned with academic background (assignment details confidential).

CERTIFICATIONS

- Creatio — Software Developer (Advanced) — 30 Jul 2026
- Creatio — No-Code Creator (Basic) — 16 Jul 2026
- OutSystems — Mobile Developer Specialist (O11/ODC) — 15 Sep 2025
- OutSystems — Tech Lead — 12 Aug 2025
- OutSystems — Associate Reactive Developer (O11) — 20 Apr 2024

EDUCATION

- Master's Degree (Preparatory Stage completed) — Mathematics & Computer Science, Faculty of Science, Alexandria University — 2014/2017
- Professional Diploma, Full-Stack Software Development — Information Technology Institute (ITI), MCIT — 2016 (incl. soft-skills training: communication, presentation, technical documentation)
- Bachelor's Degree — Mathematics & Computer Science, Faculty of Science, Alexandria University — 2012

LANGUAGES

Arabic — Native English — Fluent