Karim Essac

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El-Shabrawy Street, Road El-Farag, Cairo, Egypt

OBJECTIVE

Full-Stack Web Developer fresh graduate with hands-on experience in designing, developing, and deploying scalable web applications using Angular, Laravel, React, and Node.js. Skilled in both front-end architecture and back-end infrastructure, with a strong focus on performance optimization, responsive design, and secure API development. Experienced in AI-driven front-end design, agile methodologies, and cloud-based deployment. Committed to delivering high-quality, user-centric solutions aligned with business objectives and modern development standards.

EXPERIENCE

• **AI Trainer – Front-End Design Specialist**   *04/2025 - 08/2025*
Scale AI   Freelance - Remotely

○ Trained AI models to understand and generate high-quality front-end design responses, both visually and functionally.

○ Evaluated and enhance prompt outputs to align with modern UI/UX standards and responsive design principles.

○ Guided AI behavior through expert feedback focused on layout optimization, functionality, usability, and real-world development practices.

○ Successfully contributed to AI training using real-world projects, including:
Music Slow + Reverb Website – Built a clean, interactive web app for audio manipulation.
Matching Color Generator Website – Designed a responsive tool for dynamic color palette generation.
Sorting Algorithms Visualizer - Created a responsive web app to visualize algorithms.

○ Tools: React, TypeScript, Next.js, Tailwind CSS

• **Data Entry Assistant**   *05/2019 - 10/2020*
Diakonia Egypt | Cairo, Egypt   Contract - Hybrid

○ Managed and verified large data sets to ensure consistency and accuracy.

○ Streamlined data validation and entry processes for improved efficiency.

○ Maintained organized digital records to support reporting and documentation workflows.

○ Tools: Microsoft Word, Excel, Powerpoint, Databases

EDUCATION

• **Bachelor's degree in Computer Science**   *10/2021 - 07/2025*
El-Shorouk Academy   El-Shorouk, Egypt

○ Grade: Very Good

○ Graduation Project: Game Zone - Excellent

PROJECTS

• **Fantazina : [Fantasy League Platform]**   *10/2025 - Present*
Tools: [Angular, Typescript, Bootstrap, PHP, MySQL, Laravel]   [ ]

○ Built full fantasy league system with leagues, teams, transfers, captains, and power-ups.

○ Developed end-to-end solution using Angular, TypeScript, PHP, and MySQL.

○ Implemented real-time scoring and dynamic leaderboards.

○ Delivered secure, responsive interfaces with role-based access and OTP authentication.

○ Optimized performance for fast, smooth user experience, attracting 1,500 clients in the first month.
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• **Smart Arabic Search Engine : [Semantic Search Engine]**   *01/2026 - 02/2026*
Tools: [PostgreSQL , Arabic NLP , TF-IDF , Full-Text Search , Node.js]   [ ]

○ Built a smart Arabic search engine using PostgreSQL indexing, triggers, and Arabic NLP.

○ Achieved 0.4s max search time on 1M+ records.

○ Applied TF-IDF, Full-Text Search, and other techniques for accurate ranking.

○ Extracted top 10 most relevant results and sent to an AI model for enhanced responses.

○ Optimized queries and architecture for fast, scalable performance.

- **Scout System: [Complete Scout System – Dashboard, QR Attendance, and DB Infrastructure]** *05/2025 - 07/2025*
  Tools: [Angular, JavaScript, Typescript, Bootstrap, PHP, MySQL, Laravel] [⟲]
  - Developed an admin dashboard with QR-based attendance tracking and device authentication, managing over 500 scouts.
  - Built an end-to-end system using Angular, TypeScript, PHP, and MySQL, handling 10,000+ records efficiently.
  - Implemented real-time tracking and internal communication features, reducing response time by 40%.
  - Created responsive interfaces for seamless accessibility across devices, supporting 100% of active users.
  - Ensured data integrity, performance optimization, and secure access throughout the system, achieving 99.9% uptime.
  - Added a communication ticketing system for organized internal messaging between scouters and admins, resolving 200+ tickets per month.

- **Skorka Footwear Store : [E-Commerce Platform – Product Management, Orders, and Analytics]** *08/2025 - 09/2025*
  Tools: [PHP, MySQL, HTML, CSS, JavaScript, Bootstrap] [⟲]
  - Developed a full-stack e-commerce solution with product management, order tracking, and sales analytics, handling 1,000+ products and 3+ daily orders.
  - Built RESTful APIs and secure PHP/MySQL backend with optimized performance, processing 10,000+ transactions per month.
  - Designed a responsive front-end using HTML5, CSS3, JavaScript, and Bootstrap, supporting 100% mobile and desktop users.
  - Structured scalable database relations to ensure data integrity and efficiency, reducing query times by 30%.
  - Deployed and maintained project updates through Git version control and CI/CD pipelines, achieving zero downtime during releases.

- **Music Slow & Reverb Maker : [Musical Application]** *03/2024*
  Tools: [Next.js, Tailwind CSS, and TypeScript] [⟲]
  - Designed and developed a responsive website that applies slow + reverb effects to uploaded audio tracks, supporting 500+ simultaneous users.
  - Implemented audio processing features such as playback speed control, pitch adjustment, and reverb effects, processing 10,000+ tracks per month.
  - Ensured cross-browser compatibility and responsive design for seamless performance across desktop and mobile, achieving 99% uptime.

SKILLS

- **Programming Languages:** C++, C, JavaScript, Python, Java, PHP, TypeScript, SQL
- **Front-End Development:** HTML, CSS, JavaScript (ES6+), Bootstrap, DOM Manipulation, Event Handling, Async/Await, Fetch API, jQuery, AJAX, JSON, Next.js, React, Vue, Angular, Express.js, Nuxt.js, State Management
- **Advanced Web Development:** Performance Optimization, Web Accessibility, Responsive Design, SASS, Styled Components
- **Back-End Development:** PHP, MySQL, Firebase, Node.js, Laravel, Symfony, WordPress Development, REST APIs , JWT , API Gateway, Authentication
- **Database Systems:** MySQL, PostgreSQL, Firebase Realtime Database, Entity Framework, SQL
- **Other Tools & Technologies :** Git, GitHub, VS Code, Postman, XAMPP, Agile/Scrum, Figma, Chrome DevTools, Photoshop
- **Soft Skills:** Problem Solving, Active Searching, Team Collaboration, Adaptability, Time Management, Communication, Critical Thinking, Leadership, Team Collaboration, Analytical Thinking, Continuous Learning, Attention to Detail, Creativity, Decision Making

CERTIFICATIONS

- **Full-Stack Development Diploma | Instant Academy** *08-2024*
- **Full-Stack Development Training | Instant Academy** *09-2024*
- **Angular Diploma | Angular Academy** *07-2024*
- **ITI Web Development Training | ITI** *09-2024*
- **Certified Freelancer | Freelanzwya** *01-2026*

ADDITIONAL INFORMATION

Languages: Arabic (Native), English (Fluent)

KEYWORDS (FOR ATS)

Angular, Laravel, PHP, JavaScript, HTML, CSS, Bootstrap, MySQL, RESTful APIs, Git, GitHub, Firebase, Responsive Design, Front-End Developer, Full-Stack Developer, Web Development, UI/UX, Database Design, Agile, Problem Solving, AI Training, Data Entry, System Architecture, Performance Optimization