

Karim Essac

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

OBJECTIVE

Aspiring Full Stack Developer specializing in Angular & Laravel, with hands-on experience in AI training for front-end development. Eager to contribute to innovative projects at the intersection of user-centric design, efficient system architecture, and practical problem-solving, particularly in scalable web applications, dynamic user interfaces, and AI-enhanced development workflows.

EXPERIENCE

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

EDUCATION

- **El-Shorouk Academy** 10/2021 - 07/2025
Bachelor's degree in Computer Science El-Shorouk, Egypt
 - Graduation Project: Game Zone - Excellent
 - Grade: Very Good

PROJECTS

- **Scout System: [Complete Scout System – Dashboard, QR Attendance, and DB Infrastructure]** 05/2025 - 07/2025
Tools: [HTML, CSS, JavaScript, Typescript, Bootstrap, PHP, MySQL] [\[G\]](#)
 - Designed and implemented a complete Scout management system with a fully structured MySQL database, including well-defined relations to support scalability and integrity.
 - Built a dynamic admin dashboard using PHP to manage users, attendance, bonuses, and penalties efficiently.
 - Developed a fully responsive front-end interface using Angular, HTML, CSS, JavaScript, and Bootstrap, ensuring smooth access across all devices.
 - Implemented a device-association system to prevent scouts from faking attendance for others, ensuring fair tracking.
 - Integrated a QR code-based attendance system with real-time bonus/minus handling.
 - Added a communication ticketing system for organized internal messaging between scouts and admins.
- **Skorka Footwear Store : [E-Commerce Platform – Product Management, Orders, and Analytics]** 08/2025 - 09/2025
Tools: [PHP, MySQL, HTML, CSS, JavaScript, Bootstrap] [\[G\]](#)
 - Designed and developed a full-stack e-commerce solution for Skorka footwear with a fully structured MySQL database to manage products, inventory, orders, and customers.
 - Implemented a secure back-end using PHP for product and inventory management, order tracking, and integrated analytics for sales performance.
 - Built a user-friendly and responsive front-end interface with HTML, CSS, JavaScript, and Bootstrap, providing customers with an intuitive shopping experience.
 - Streamlined the purchasing workflow with an optimized product browsing system and simplified checkout process.
 - Ensured scalability and maintainability by integrating clear database relations and modular PHP code structure.

- **2048: [Puzzle Game]**

Tools: [HTML, CSS, JavaScript, Bootstrap]


◦ Developed a fully functional web-based implementation of the 2048 puzzle game using core HTML, CSS, and JavaScript.

◦ Implemented game logic, including tile merging, movement, random tile generation, and score tracking.

◦ Created responsive layouts to ensure compatibility with both desktop and mobile devices.

◦ Optimized UI with DOM manipulation and event handling for smooth gameplay.

05/2024 - 06/2024


- **Music Slow & Reverb Maker : [Musical Application]**


Tools: [Next.js, Tailwind CSS, and TypeScript]

◦ Designed and developed a responsive website that applies slow + reverb effects to uploaded audio tracks.

◦ Implemented audio processing features such as playback speed control, pitch adjustment, and reverb effects using modern web technologies.

◦ Ensured cross-browser compatibility and responsive design for seamless performance across various devices and platforms.

03/2024



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
- **Frameworks / Libraries:** Angular, Laravel
- **Advanced Web Development:** Performance Optimization, Web Accessibility, Responsive Design, SASS, Styled Components
- **Back-End Development:** PHP, MySQL, Firebase, Laravel
- **Database Systems:** MySQL, Firebase Realtime Database
- **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

VOLUNTEER EXPERIENCE

- **Data Entry Assistant**

Diakonia Egypt

Cairo, Egypt

May 2019 – Oct 2020

◦ Entered and maintained high volumes of accurate data in internal databases and Excel spreadsheets with a focus on consistency and integrity.

◦ Improved workflow efficiency by ensuring timely updates, precise record-keeping, and data cleansing procedures.

◦ Achieved a significant boost in typing speed and accuracy, supporting fast-paced data operations with minimal error rates.

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

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