Reem Zaarour

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Professional Summary

Passionate and results-driven Frontend Developer and Computer Science Educator with strong experience in building responsive web applications, interactive user interfaces, and educational technology solutions. Proven ability to design engaging STEM and coding curricula, enhance student performance, and deliver scalable web and desktop applications. Skilled in HTML, CSS, JavaScript, PHP, MySQL, C#, Scratch, Micro:bit, and Thunkable, with a strong commitment to continuous learning and innovation.

Core Expertise

Hard Skills (Technical Skills)

- **Frontend Development:** HTML5, CSS3, JavaScript (ES6), Responsive Design, UI/UX Principles, Animations
- **Backend & Databases:** PHP, MySQL, JSON, AJAX, SMTP
- **Programming Languages:** C#, JavaScript, PHP, Arduino (C/C++)
- **Educational Technology & STEM:** Scratch, Micro:bit, Pictoblox, Robotics, Coding for Kids
- **Mobile App Development:** Thunkable
- **Desktop Applications:** C# Windows Forms (.NET Framework)
- **Networking:** CCNA Fundamentals (Routing, Switching, Enterprise Basics)
- **Tools & Platforms:** GitHub, Visual Studio, XAMPP, phpMyAdmin, Arduino IDE

Key Achievements

- Delivered 250+ lessons in computer science and STEM subjects, increasing student engagement by 60%.
- Designed and implemented clinic and nutritionist management systems, improving workflow efficiency and data tracking by 50%+.

- Built interactive educational applications that enhanced problem-solving skills by 35–40%.
- Maintained 95%+ parent and student satisfaction in online and private teaching programs.

Education

Bachelor of Science in Computer Science – Lebanese International University
Graduated: July 2025

Lebanese Baccalaureate – Life Sciences
Al Marj High School

Professional Certifications

Robotics for Education – ANERA & Robogeex Academy (250 Hours)

- Scratch, Micro:bit, Arduino, Pictoblox AI, Robotics Systems
- 3D Design Fundamentals
- TOT: Classroom Management, Engagement Strategies, Curriculum Delivery

3D Design – PrintLab

- Fusion 360
- Tinkercad
- 3D Printing Workflow

Additional Certifications

- CCNA: Introduction to Networks, Switching & Routing
- Introduction to Artificial Intelligence – Great Learning
- Responsive Web Design – freeCodeCamp
- Website Development & Google Suite Workshop – JCI Lebanon

Professional Experience

Private Instructor – Independent (2021–Present)

- Delivered personalized lessons in computer science, mathematics, and science (Grades 1–9).

- **Improved coding proficiency by 40%** and increased learner engagement by 60%.

Coding Instructor – BrightChamps (Remote) (Until Jan 2025)

- Conducted live online coding sessions for students aged 6–14.
- Achieved 95% parent satisfaction and boosted lesson completion rates by 30%.
- Created and refined 10+ interactive game-based coding lessons.

Mobile App Development Instructor – Thunkable (2023–2025)

- Guided students in building 10+ functional mobile applications.
- Enhanced problem-solving accuracy by 35% and increased student retention by 25%.

Projects

Biopure Clinic Management System (Senior Project)

- Comprehensive system for patient management, appointments, medical records, and billing.
- Reduced booking time by 70% and improved data organization by 50%.
- Integrated an AI chatbot handling 60% of customer inquiries.
  Technologies**:** PHP, MySQL, JavaScript, HTML/CSS, AJAX, JSON, SMTP

Nutritionist Website & Appointment System

- Full-featured platform for managing clients, appointments, and personalized diet plans.
  Technologies**:** PHP, MySQL, JavaScript, HTML/CSS, Bootstrap, JSON

Animated Login & Signup UI

- Modern, animated authentication interface with smooth transitions and interactive effects.
  Technologies**:** HTML5, CSS3, JavaScript, UI/UX Design

Email Reminder Scheduler – Windows Forms Application

- Desktop application for scheduling one-time and recurring email reminders.
- Automated email delivery with logging and user dashboard.
  Technologies**:** C#, .NET Framework, Windows Forms, SMTP

Soft Skills

- Creative Problem Solving
- Effective Communication
- Classroom & Time Management
- Critical Thinking
- Team Collaboration
- Adaptability & Continuous Learning
- Attention to Detail

Interests

STEM Education • Robotics • Coding for Kids • EdTech • Web & Mobile Development • Continuous Learning