

SIBA MAHLOUBY

LEAD DEVELOPMENT ENGINEER



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I am an experienced Lead Development Engineer with a proven track record of developing diverse applications that enrich learning and foster user engagement across multiple sectors. With strong leadership abilities and a problem-solving mindset, I consistently deliver high-performing software solutions. My commitment to collaboration and best practices drives innovation and enhances team efficiency. I am dedicated to creating impactful solutions that empower individuals and organizations to address real-world challenges effectively, resulting in meaningful and lasting experiences.

EXPERIENCE

LEAD DEVELOPMENT ENGINEER

2024 - Present | Gamyra Tech

As a Lead Development Engineer, I oversee software development projects and mentor new hires, ensuring high-quality deliverables that meet client needs. I engage in client-facing opportunities and networking to strengthen relationships and gather insights.

Key Responsibilities:

- Oversee software development projects, implementing best practices in design, development, testing, and deployment.
- Mentor and support new team members to facilitate their growth and integration.
- Actively participate in client engagements to understand requirements and enhance service delivery
- Utilize agile methodologies to optimize team workflows, improve efficiency, and ensure the timely delivery of projects.

TECH LEADERSHIP MENTOR

2024 - Present | Elevate - Women in Tech
United Kingdom| Part time, Volunteer

- Mentor women starting careers in tech, providing guidance on technical skills and career growth.
- Help mentees set career goals and build confidence in their abilities.
- Offer advice on resumes, job searching, and projects during regular mentoring sessions.
- Create a positive and supportive environment for learning and personal development.
- Share my experiences to help mentees succeed and promote diversity in the tech industry.

WOMEN IN TECH MENTOR

2024 - Present | Women in Tech Global

Part time, Volunteer

- Provide mentorship to women pursuing careers in technology, guiding them through key challenges and opportunities in the field.
- Focus on technical skill development and career planning to help mentees achieve their professional goals.
- Empower mentees by building their confidence and fostering a growth-oriented mindset.

DEVELOPMENT ENGINEER

2019 - 2024 | Gamyra

Gamyra's hardware and software platforms power immersive virtual experiences for research, education, training and user engagement applications.

My main responsibilities:

1. Product Development & Management: I've been leading the technical development of the company's main product - a platform to develop and deploy web-based immersive experiences - since its inception.

Duties include:

- Reviewing the product roadmap and breaking it down into technical tasks.
- Gathering and analyzing technical requirements for client projects.
- Developing and deploying new product features for both internal use and client needs.
- Coordinating with cross-functional teams (design, project delivery) to ensure smooth integration.

2. Driving Simulation Platform: I lead key aspects of the company's driving simulation platform development and deployment, including:

- Led the design and development of two digital twins of Doha's road environment.
- Created custom driving simulation scenarios using replicas of local road networks for driver behavior research.

3. Virtual Reality (VR) Projects:

- Led the development of VR projects, driving innovation and expanding the company's capabilities in immersive virtual experiences for education, and virtual tours.

4. Mentorship:

- Provided mentorship to junior team members, offering guidance on technical development, project management, and best practices, helping them grow and contribute effectively to the team's goals.

5. Technical Training:

- Conducted client and end-user technical training to ensure smooth usage and implementation of the platform.

6. Market Research & Strategy:

- Collected and analyzed competitive market data on immersive experiences and provided strategic recommendations for business growth.
- Supporting business development activities.

DEVELOPMENT ENGINEER INTERN

2018 - 2019 | Engineering Solutions

As a Development Engineer Intern, I worked on designing and developing Virtual Reality (VR) and Augmented Reality (AR) applications. My main achievements include:

- VR Fire Extinguisher Application: Developed a virtual reality application for fire safety training, simulating real-world scenarios for users to practice using fire extinguishers in a safe environment.
- AR Tele-Mentoring Prototype: Developed an AR tele-mentoring system, which allows experts to remotely guide and assist users through live visual instructions, enhancing real-time collaboration and learning.

EDUCATION

2012 - 2018

TISHREEN UNIVERSITY, SYRIA
Bachelor's Degree in Computer & Auto
Control Engineering

LANGUAGES

ARABIC: NATIVE

ENGLISH: FLUENT (IELTS 8, C1)

TECHNICAL SKILLS

- Programming Languages: C#, C++, Python, JavaScript.
- Unity 3D
- VR/AR App Development
- Game Design & Programming
- Android Studio
- SCANeR Simulation Engine
- Office Applications.

PERSONAL SKILLS

- Problem-Solving
- Project Management Tools
- Strong Communication
- Teamwork
- Self-motivation
- Decision Making
- Creativity
- Time Management

CERTIFICATIONS

IBM AI Developer Professional Certificate

Issuing authority: IBM

In progress

Core Interaction Programming

Issuing authority: Coursera Authorized by Unity

Application Systems Programming

Issuing authority: Coursera Authorized by Unity

3D Interactions and Navigation

Issuing authority: Coursera Authorized by Unity

3D Art and Audio Pipeline

Issuing authority: Coursera Authorized by Unity

C++: Functions, Recursion, and Objects

Issuing authority: Coursera Authorized by Codio.

C++: Selection and Iteration

Issuing authority: Coursera Authorized by Codio.

Introduction to Large Language Models

Issuing authority: Google Cloud

Introduction to Convolutions with TensorFlow

Issuing authority: Google Cloud