

## **Professional Summary**

Versatile and dynamic Front-End Developer with comprehensive experience across a broad range of domains, specializing in the latest front-end technologies. My analytical acumen and creative problem-solving abilities contribute to developing innovative platforms that drive business success. Committed to lifelong learning, I consistently hone my expertise, ensuring that my contributions are both contemporary and

# **Work History**

5/2023 -Current

**Front-end Web Developer** 

### **Company**

• AEMS (2023 ~ Current)

### **Skills and Accomplishments**

- Successfully developed and deployed intricate user interfaces using React and SCSS, addressing challenging requirements and enhancing user engagement.
- Created highly effective and reusable custom React hooks, streamlining component logic and promoting code reusability across projects.
- Implemented robust Redux patterns, significantly improving state management and application performance.
- Integrated socket.io effectively, enabling real-time features that enhanced user interaction and application responsiveness.
- Seamlessly integrated front-end systems with backend services, ensuring smooth and efficient application functionality.
- Developed innovative solutions to complex UI and logic challenges, demonstrating advanced problem-solving skills.
- Established a standard for code documentation, significantly improving code maintainability and team productivity.
- Designed efficient data structures for complex components, optimizing application performance and scalability.
- Integrated frontend applications with AI services and APIs, ensuring seamless communication between user interfaces and backend systems.

#### 12/2021 -**Senior Front-end Web Developer** 5/2023

#### Company

• Semicolon Programming and Security (2021 ~ 2023)

#### **Skills and Accomplishments**

- Demonstrated proficiency in identifying and resolving complex software bugs, ensuring optimal functionality and user experience.
- Skilled in enhancing software performance, focusing on efficient, responsive, and scalable front-end solutions.
- Exceptional ability in diagnosing issues and implementing innovative solutions to improve software quality and performance.
- Made key contributions to the development strategy, leading to more streamlined
- and effective work processes.
- Offering guidance to junior developers, sharing expertise in software development and best practices.

#### 12/2018 -**Full-Stack Web Developer** 12/2021

### **Companies**

• Semicolon Programming and Security (2018 ~ 2019)

## • Eduba (2019 ~ 2021)

## **Skills and Accomplishments**

- Coded websites using all of the top three front-end JS frameworks/libraries like React and Vuejs.
- · Planned website development, converting mockups into usable web presence with HTML, CSS, JavaScript, AJAX and JSON coding from scratch.
- Designed numerous websites with top CSS frameworks like Bootstrap 4 and 5, Semantic-UI, Material-UI and Vuetify etc...
- Coded web servers using PHP, NodeJS and Python languages that builds a secure bridge between user interface and database.
- Built back-end databases using both MySQL and MongoDB.
- Built many Python scripts to automate tasks that results in working more efficiently. • Conducted many security researches and testings and participated in Google CTFs
- 2018 and 2019 and other known CTFs security competitions.
- Created and hosted Revue Visualizer using Vuejs 2 that helps visualize both Path finding algorithms (A\*, Dijkstar, JPS) and Sorting algorithms after implementing them from scratch.

#### 2017 -12/2018

**Desktop Application Developer** 

# **Companies**

• Semicolon Programming and Security (2017 ~ 2018)

# **Skills and Accomplishments**

- Worked with Electron JS and NodeJS to develop dynamic and interactive desktop applications with a focus on creating efficient and user-friendly solutions for windows/macOS/linux.
- Planned and Coded Avicinna Healthcare System Avicinna which is a comprehensive desktop application that streamlines the scheduling and management process for healthcare providers, offering features such as appointment scheduling, invoicing, patient history tracking, and demographic information management.
- Coded tools to help with development using Python and C++.
- Conducted many researches to find and test the best possible ways for encrypting and decrypting data and information related to the app.

# **Game Development**

Worked with Unreal Engine and C++ for about a year, doing various small solo Used Unity Engine with C# for 3 months reaching an intermediate level in this

amazing and well designed engine. Practiced Godot Engine with Python-like script and created small projects to master its simple and fast-forward services. Game Development was an interesting and educative journey exploring different fields in coding and development.

# **Augmented Reality Development**

Worked with Unity Engine and Wikitude to develop multiple AR applications for both Android and IOS devices featuring 3D displaying, shadows, occlusion, logical interactions and various other implementations.

# **IOS Development**

Worked with Swift and Xcode for couple of months developing apps, games (using Apple's SpriteKit framework), and Safari Extensions for ios devices (iphone, ipad, ipod), while adjusting the layouts in both portrait and landscape mode.

**Cyber Security** 

Conducted many security researches and testings and participated in Google CTFs 2018 and 2019 and other known CTFs security competitions.

2018 -

Current

Education

# **Bachelor of Science: Computer And Information Sciences**

Lebanese University - Bint-Jbeil

Although I postponed completing my university degree, I leveraged the opportunity to gain valuable hands-on experience as a self-taught developer, starting my career during my first year of university.

# **More Info**

To view a comprehensive list of my projects, both individual and team-based, please visit my portfolio at <a href="https://mahdiaf.netlify.app/">https://mahdiaf.netlify.app/</a>.

Skills

Address

E-mail

Tyre, Tyre, 1601

Contact

mahdialfakih00@gmail.co

Web development and design

Desktop application development.

Data security

Algorithm implementation

Game Development

Augmented Reality Development

IOS Development

Cyber Security

Technical Support

**Languages** 

French

English

Arabic