Mariam Samuel Ramzy

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# **Summary**

UI/UX Front-End Developer specializing in React.js, Vue.js, and modern web technologies, with a proven track record of delivering high-performance, user-friendly applications. Experienced in integrating APIs and optimizing UI/UX to enhance usability. Proficient in Backend .NET, enabling full-stack development and ensuring a seamless user experience

# **Education**

**Faculty of Computer Science & Artificial Intelligence** 2020 - 2024 Bachelor of Computer Science Fayoum University Grade: Very Good (GPA=3.54)

Graduation Project (Grade: Excellent) ([repo](https://github.com/mariam168/cancer-care-insight.git))

**Key Responsibilities**

* Designed UI/UX using Figma
* Implemented it using React
* Managed two databases for patients and doctors, optimizing data retrieval efficiency
* Integrated 5+ RESTful APIs and improving data loading speed by 30%
* Developed and connected Flask APIs, reducing backend response time by 40%

**Awards**

* Honored by the Assistant Minister of Education for outstanding achievements.
* Awarded second place in the Hult Prize competition.
* Achieved third place in the IEEE competition

# **Professional Certificate**

**4-Month Postgraduate Diploma**  2024 - 2025

Information Technology Institute(lTl)

**Track:** UI/UX Development

**Courses**

Backend.Net program (6 Months) (DEPI)

UI/UX Front-End Web Developer Program - (3 Months) (ITI)

Completed a C++ problem-solving certification (Udemy)

# **Experience**

**Freelance Front-End Developer (Team Collaboration)** 2022 - 2023

* Used HTML, CSS, JavaScript, and Bootstrap to build user-friendly interfaces.
* Ensured seamless design implementation and optimized performance.
* Focused on enhancing user experience and responsiveness.

**Summer internship**

**Children's cancer hospital foundation training** From jan,2024 to feb2024

* Worked with real hospital data, ensuring accuracy and confidentiality.
* Performed data preprocessing, cleaning, and normalization using R.
* Applied statistical methods to identify children diagnosed with cancer.
* Created a reliable dataset for medical research.
* Worked collaboratively with a team to analyze and preprocess hospital data.
* Ensured data accuracy and reliability with strong attention to detail.

## **Skills & Technologies**

**Front-End Development:** HTML5, CSS3, JavaScript (ES6+), TypeScript, Sass, Tailwind CSS

Bootstrap, React.js, React-Hook, Redux, Next.js, Vue.js, Express.js

**Back-End Development:** C#, SQL, .NET Core Web API, MVC Web Applications

Containerization Using Docker, Prompt Engineering, ASP Core Web API

**UI/UX & Design Skills: UI**/UX design principles, design elements, prototypes, ui/ux wireframing

**Design Tools**: figma, Adobe illustrator web, Adobe Photoshop

**Web Development Tools:** GIT & GIT, PWA

**Language:** C++, R language, python

**testing:** unit testing

**Related Skills:** XML fundamentals database fundamentals agile fundamentals, os fundamentals network fundamentals

**Projects**

**Eskan Website (**[**repo**](https://github.com/mariam168/Eskan-.git)**)**

Overview: Eskan is a platform simplifying estate by connecting owners and buyers

Technologies used: vue.js,tailwind CSS, firebase

**Cybersecurity Website (**[**repo**](https://github.com/mariam168/cyber-security.git)**)**

overview Cybersecurity Website is an informative platform showcasing the company’s services

Technologies Used: React,tailwind CSS

**E-commerce Website (**[**repo**](https://github.com/mariam168/E-commerce-platform.git)**)**

overview: e-commerce platform offers a comprehensive selection of electronics

Technologies Used: NET SDK/.NET CLI,SQL Server Management Studio (SSMS)

**Library Website (**[**repo**](https://github.com/mariam168/library-repo.git)**)**

Overview: offers books and authors info

Technologies Used: HTML, CSS, JavaScript, and React for a dynamic UI.

**Restaurant Website (**[**repo**](https://github.com/mariam168/Restaurant.git)**)**

overview: Restaurant Website offers a clean design that showcases the restaurant’s services effectively.

Technologies used: HTML, CSS, JavaScript, and Bootstrap for responsiveness.