

Mahmoud Saad Elsayed

Full Stack Developer | Certified Azure Developer

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Technical Stack

- C# .Net Core/Framework
- Angular
- Javascript, Typescript
- NodeJS
- Microsoft SQL Server , MySQL
- HTML, CSS
- .Net Entity Framework
- Microsoft Azure Development
- Agile Methodologies
- Java
- Object Oriented Programming OOP
- Design Patterns
- Git, GitHub
- CI/CD,
- Cloud Platforms
- BDD,TDD
- Selenium C# , Selenium JavaScript, Jest
- MSTest, NUnit, and xUnit

WORK EXPERIENCE

- ▲ From March 2022 to Present
- **Software Enginner**
([expleo](#)) Expleo Group

3M Oral Care Portal

A portal that provides orthodontic solutions that help simplify procedures, and prescription of the dentists.
URL : <https://oralcare.3m.com>

Responsibilities:

- Create and maintain automation test cases using Selenium with C# to ensure quality assurance and improve development efficiency.
- Lead code reviews for the SDET team to ensure adherence to coding standards and best practices.
- Train and onboard new team members on testing frameworks, tools, and best practices.
- Develop and execute regression and formal testing prior to releases to ensure high-quality product delivery.
- Collaborate with development teams to identify and troubleshoot issues found during testing and ensure timely resolution.
- Continuously identify areas of improvement in the testing process, and suggest solutions to improve testing efficiency and quality.
- Participate in sprint planning, stand-ups, and retrospectives to ensure alignment with project goals and timelines for the framework.

3M 3D Viewer

A 3D canvas that allows dentists to adjust their prescription and treatment for the patients

Responsibilities:

- Design and architect an automation testing framework from scratch using Selenium with Jest and TypeScript to ensure quality assurance and improve development efficiency.
- Develop and maintain the testing framework to ensure comprehensive test coverage across multiple projects and teams.
- Work with development teams to ensure test automation is integrated into the continuous integration and deployment (CI/CD) pipeline using the new framework.
- Monitor and analyze test results to identify issues and provide solutions to improve test coverage and reduce testing time using the new framework.

From December 2020 to February 2022

Full Stack Developer

ULTATEL - Telecommunications

ULTATEL Ignite

A Wizard that provides full VoIP solution without human interaction, and a portal to ease contract-life configuration

URL: aig.ultatel.com/order-ignite , aig.ultatel.com/ignite-portal

Responsibilities:

- Collaborated with Team to establish backend conventions, principles, and patterns For APIs.
- Following Agile Methodologies during the whole project.
- Build the front-end of applications through appealing visual design using Angular.
- Writing and maintaining effective Web APIs using C# Net Core.
- Code versioning and source control management using Git, Bitbucket, etc.

Session Border Controller (SBC)

A Microsoft licensed product that's responsible for Microsoft Teams' integration with all VoIP solutions

URL: <https://sbcmega.ultatel.com>

Responsibilities:

- Work with development teams and product managers to ideate software solutions.
- Design client-side and server-side architecture.
- Build the front-end of applications through appealing visual design using Angular.
- Writing and maintaining effective Web APIs using C# Net Core.
- Test software to ensure responsiveness and efficiency.
- Troubleshoot, debug and upgrade software.

LANGUAGE SKILLS



Certificates



Microsoft Azure Associate Developer

October 11th 2022

Certification Number : 1444-2260

EDUCATION

- ▲ From 2012 to 2017
- BSc of Computer and Communications Engineering
Faculty of Engineering, Alexandria University
- High School
- Graduation Year: 2012
- Smouha English School (S.E.S)

Internships

- ▲ From March 2019 to June 2019
- Computer Cyber Security - 3-Months Intensive Program
Information Technology Insitute (ITI)

University Experience

- Social Networking Website
 - Designed and created a social networking website, where you can add friends and access their interests and images
 - Also you have a newsfeed page where you can check all your friends' updates.
 - HTML, CSS, PHP and using phpMyAdmin as a database source were involved in this project.
- MS Pac-Man Game
 - The well known Ms Pac-Man game was created with multiple levels installed. Design Patterns such as Singleton were used proactively while developing the game using Java Slick2D Library
- Paint Application
 - A desktop application that allows the user to draw or paint bitmapped images on a computer using interactive GUI, which is coded using Java
- Implemented SIC/SICXE Assembler
 - This project was implemented using Java with a smooth UI to the eyes and Oriented coding

Extracurricular Activities

- CLIMA IOS-APP
 - Designed and created an application that provides the live weather for the user's location once they grant access to their locations. Also it provides the live weather for any city the user requests, using OpenWeather API. The app were created using the MVC and the delegate Design Pattern
- DESTINI IOS APP
 - An App that is a "choose your own adventure" game similar to the App Store hit "Life Line" app. The app tells a story depending on what the user chooses and can be fleshed out and modified to provide an engaging story-telling experience. This app was created using the MVC Design Pattern

Interpersonal Skills

Highly Motivated
Leadership Skills
Team Worker
Excellent Presentation skills
Problem Solving Skills

Personal Information

Date of Birth : 05/08/1994

Nationality : Egyptian

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Alexandria, Egypt