

Motivated back-end developer with a solid foundation in front-end and passion for creating scalable applications. seeking a position that incorporates critical thinking, problem solving and improves on current skills sets

PROFESSIONAL EXPERIENCE

SCASE LTD / Syria, C++ Developer **(11/2023) - Present**

SCASE is a sister company of Intenta GmbH in Germany intend to develop smart sensor and car driving assistant products.

Key accomplishments:

- Conducting refactoring of specific components and adapting them to function seamlessly with newer products.
- Analyzing and improving car localization algorithms to maintain accuracy and stability.
- Implementing test suites to verify the functionality of various features and ensure they meet the intended requirements.

EDUCATION

B.E. in Informatics Engineering GPA : 80.65 / Tishreen university, Latakia **Graduation Year (2023)**

Relevant Coursework:

- Data Structures and Algorithms
- Database Management Systems
- Object-Oriented Programming
- Software Engineering
- Web Development
- Artificial Intelligence

Master of Web Science / Syrian virtual university

The Master's program in Web Science at the Syrian Virtual University (SVU) is designed to provide advanced knowledge and skills in the fields of web technologies and internet systems. The program typically covers a broad range of topics, including web development, data mining, data analysis, web security and cloud computing.

PROJECTS

E-Store / Web

The online store application enables administrators to add products and view reports, while allowing users to purchase products. It is built using Vue, Vuex and Tailwind CSS for the front end, and uses Laravel for the back end.

Key accomplishments:

- Developed an intuitive, responsive user interface that enhances the shopping experience, providing users with easy navigation and a streamlined checkout process.
- Integrated a robust product management system allowing store owners to add, update, and organize products efficiently.
- Implemented secure payment processing and user authentication, ensuring a safe environment for transactions.
- Successfully deployed the application via a [link](#), [Admin Panel](#).

Survey Time / Web

Web application for creating surveys and sharing them with others to gather their responses, built using Vue, Vuex, Tailwind CSS as front-end and Laravel as back-end.

Key accomplishments:

- Developed a user-friendly interface that simplifies the creation and management of surveys, allowing users to customize surveys with various question types to suit their needs.
- Implemented real-time functionality to provide a live-updating dashboard, ensuring users stay informed about new events and responses as they occur.
- Successfully deployed the application, making it accessible to users via [link](#).

PMS / Web

PMS is a Laravel and React-based web application designed to streamline operations within pharmacies, reducing the need for manual work.

Key accomplishments :

- Developed a comprehensive system for managing inventory, drugs, customers, invoices, purchases, and employees
- Utilized interactive charts to enhance data visualization and analysis, facilitating informed decision-making.
- Simplified the process of invoice creation by automating the steps involved, resulting in increased efficiency.
- Implemented a role-based system with five distinct roles, enabling administrators to assign specific responsibilities to employees.
- Provided more than 40 API endpoints for seamless integration with the React frontend.
- Conducted unit testing, totaling over 58 tests, to ensure stability, functionality, and reliability of the system.

ZIP URL / PHP

PHP-MVC project aimed at creating and managing short URLs, leveraging the Model-View-Controller (MVC) architectural pattern.

Key accomplishments:

- Implemented a robust routing system that efficiently maps incoming requests to the appropriate controllers, enabling seamless navigation and URL handling.
- Implemented authentication and authorization features to secure the application, allowing only authorized users to create and manage short URLs.
- Employing token-based CSRF protection and preventing session hijacking

Tic Tac Toe Game (Minimax Algorithm) / Web

This is a Tic Tac Toe game developed using HTML, CSS, and JavaScript. The game uses the Minimax algorithm to determine the best move for the computer player. Play it via [Link](#) .

AskMe / C++ (console)

AskMe is a C++ console project built using object-oriented concepts that allows users to ask and answer questions

ACCOMPLISHMENTS

- Successfully solved over 400 complex coding challenges on platforms such as [Codeforces](#) and [LeetCode](#), spanning various categories including graph theory, dynamic programming, and others.

CERTIFICATIONS

Mastering Critical Skills in Algorithms using C++ / Udemy

The course covers a good subset of algorithmic topics such as Complexity Analysis, Recursion, Sorting, Binary Search, Graph, DFS, BFS, Topological Order with a lot of problems to sharpen problem-solving and algorithmic skills
[Certificate URL](#)

GENERAL

SKILLS

Laravel | Vuejs | Vuex | React | Bootstrap | Tailwind CSS
Mysql | C++ | PHP | OOP | Algorithms | Data Structures

LANGUAGES

Arabic (Native) | English (Professional working proficiency)
German (Elementary proficiency)