





Razan omar salem qashou

Software engineer

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Profile


An software engineer who admires coding and coming up with creative solutions. I love challenges and always look forward to constantly staying up-to-date on current and emerging technologies.

Education

BACHELOR'S DEGREE IN SOFTWARE ENGINEERING, *Hashemite University* 10/2020 – 06/2024
jordan, zarqa

Experience

full stack web developer, *AppTrainers*  09/2024 – present
Amman, Jordan

FrontEnd Developer InternShip, *Leading Point Software*  02/2024 – 05/2024
Amman, Jordan, Jordan

- Strong problem-solving skills, adept at debugging and optimizing web application performance for enhanced user experience.
- Proficient in developing dynamic web applications using Angular, HTML, CSS, and JavaScript , TypeScript , emphasizing modular and scalable code architecture.
- Hands-on experience with JSON Server for prototyping back-end services and simulating RESTful APIs, enhancing development efficiency and testing capabilities.
- Skilled in responsive web design, ensuring optimal usability and visual appeal across various devices and platforms.
- Regularly utilized modern development tools and practices, including version control with Git.


Skills

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|----------------------|----------------------|-----------------------|
| • C++ | • JAVA | • C# |
| • HTML5 | • CSS3 | • Java script |
| • Qa manual(Excel) | • Git/Github | • OOP |
| • Angular | • Json Server | • Type Script |
| • sql server | • jira | • Agile Methodologies |
| • Scrum Framework | • Team Collaboration | • Critical Thinking |
| • Team Collaboration | • Time Management | • Self-Learning |
| • Accountability | • MOCH API | • RESTful API |
| • ASP .NET | • Code/DB fist | • Entity Framwork |
| • ADO | | |

Projects

Cosmetics Online Store – Database Development Project,

2025

Microsoft SQL Server 

Developed a fully functional database system for an online cosmetics store based on a real-life scenario. The project included:

- **Requirement Analysis:** Translated a user story into technical requirements.
- **ER Diagram Design:** Modeled all entities and their relationships including customers, admins, items, categories, brands, orders, and wishlists.
- **Normalization:** Applied normalization rules to ensure a scalable and efficient database structure.
- **SQL Development:**
- **Data Integrity:** Configured constraints and cascade behavior to maintain referential integrity.
- **Testing:** Inserted realistic dummy data for functional testing.
- **Documentation:** Delivered a comprehensive Word document detailing project scope, database objects, relationships, and system functionality.
- **Backup & Delivery:** Provided a SQL script and backup file for deployment.

CRUD Product Management System, (HTML, CSS, JavaScript)

2024

Built a full-featured client-side CRUD (Create, Read, Update, Delete) application for managing products, showcasing dynamic DOM manipulation, localStorage persistence, and responsive design.

Key Features:

- **Dynamic Product Creation** – Users can add new products with title, price, taxes, ads, discount, and category. – Real-time total calculation based on price, taxes, ads, and discount inputs.
- **Bulk Entry Support** – “Count” field allows creation of multiple identical products in a single action.
- **Persistent Storage** – All product data is saved to and loaded from localStorage, ensuring data persists across page reloads.
- **Read & Display** – Rendered product list in an HTML table, showing ID, details, total, and action buttons.
- **Update & Delete** – “Update” button pre-loads product data into the form for editing. – “Delete” button removes a single product; “Delete All” clears the entire list.
- **Search & Filter** – Toggle between “search by title” and “search by category” modes. – Instant filtering of displayed products as the user types.
- **Responsive & Accessible UI** – Styled with CSS for a dark-mode aesthetic and interactive focus/hover effects. – Inputs enlarge on focus, buttons highlight on hover, and layout scales for various screen widths.

HashBus, (Graduation Project)

2024

The system includes five applications.

HashBus student: Its Android application aims to help students at the university organize their bus transportation, reserve a site, plan his/her journey to and from the university and track the journey bus on the map.

HashBus Driver: Its Android Application allows the driver to see his schedule and the routes for the journey time and other information, update the bus location on the database to allow the students to track his location and confirm his departure to the stop point.

HashBus Organizer: Web Application designed and developed to help the organizer of the buses, and journeys to organize them track the users of the system and manage the routes.

HashBus Admin: Admin dashboard to give access to the system admin into the data, add delete and modify data like bus organizers and so on. Back-End Application: Rest APIs developed using Spring boot framework to serve the applications. Tech Stack: Spring Boot, Android Java, Google Cloud, Bootstrap, JSON Web Token (JWT) and MySQL.

E-Commerce Website (Front-End Only)

2024


Description: Developed a web-based e-commerce platform focusing on the front-end, utilizing a **Fake RESTful API** with JSON files to simulate backend interactions. The platform provides a seamless shopping experience for users and product management for sellers.

Key Features:

- **Seller Dashboard:** Allows sellers to log in and manage products (add, update, delete).
- **Customer Interface:** Users can sign up/log in, browse products, and add them to the shopping cart.
- **Shopping Cart System:** Displays the number of selected items and allows order confirmation.
- **Search Functionality:** Enables users to find specific products easily.
- **Order Summary & Confirmation:** Shows selected products with total pricing before finalizing the purchase.


Technologies Used:

- **Frontend:** Angular
- **Fake REST API:** JSON file (simulating backend operations)

ComputergyProject, *Collaborated as a backend developer on the API services for Computergy, an e-commerce website specialized in electronic devices. Contributed to designing, building, and testing RESTful APIs to support user authentication, product management, and order processing.* 

2025

Certificates

-Quality Assurance (Manual&Automation)  — learn about Manually and Automation test, Test cases, Bugs writing, Mobile and Web testing, Smoke testing, Software Testing Life Cycle, Testing tools, Defects, White and Black and Gray Box testing. •

-SQL Fundamentals – Microsoft SQL Server Udemy (Self-Paced, Non-Certified), 2025 — Gained hands-on experience in writing SQL queries for data retrieval and manipulation, learning filtering techniques using **WHERE, ORDER BY, GROUP BY, and HAVING**. Worked with **JOINS, UNIONS, aggregate functions, and NULL values**, while exploring different **SQL data types** and query optimization strategies. Applied SQL concepts across multiple databases, including **MySQL, PostgreSQL, and SQLite**. •

-Introduction to Programming Udemy (Self-Paced Online Course), 2025 — Learned fundamental programming concepts , gaining an understanding of coding logic, problem-solving, and basic syntax. Explored key programming principles applicable across multiple languages. •

-Mastering Object-Oriented Programming in C#: From Basics to Advanced Concepts Udemy(Self-Paced Online Course), 2025 — Gained a deep understanding of **Object-Oriented Programming (OOP)** principles in C#, mastering core concepts such as **classes, objects, methods, and properties**. Learned advanced OOP techniques like **inheritance, polymorphism, encapsulation, and abstraction**, while exploring **constructor chaining, method overloading**, and best practices for writing clean, scalable, and maintainable code. Gained hands-on experience with **exceptions handling, garbage collector, and sealed classes**, and applied these OOP principles to build well-structured, efficient applications in C#.

Languages

Arabic

Native Speaker

English

Upper-Intermediate Level