

# Osama Yousef Abdallah

## Front End Developer

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### SUMMARY

Hello!, I'm Osama Youseff, a student in the Faculty of Engineering and a Web Developer with a solid foundation in Computer Science. My skills in programming and software development provide me with a deep understanding of problem-solving, and algorithms, which complement my front-end and full-stack web development expertise.

I have hands-on experience with modern web technologies like ReactJS, ExpressJS, and MongoDB. I also have a strong command of JavaScript, HTML, CSS, and popular styling frameworks such as Bootstrap and Tailwind CSS. I am passionate about learning and applying my skills to create beautiful, user-friendly, and responsive websites.

### PROJECTS

#### › E-Commerce website (Fullstack Website with dashboard)

A fully functional e-commerce platform simulating a real-world online store. Built with a responsive design and optimized performance across devices, the platform allows seamless customer interaction and efficient product management. Developed using ReactJS for the front end and NodeJS (ExpressJS) with a RESTful API for the backend, the platform offers essential e-commerce features for both customers and administrators.

##### Key Features:

- Product Display: Showcase of the latest products with detailed descriptions, images, and pricing.
- Shopping Cart: Customers can add, manage, and remove items, with the option for direct purchases without using the cart.
- Wishlist: A feature allowing users to save products for future consideration.
- Address Management: Customers can add, edit, or delete shipping addresses through a dedicated page.
- Account Management: Users can update personal information, such as username and contact details, change their password, or delete their account.
- Payment Options: Support multiple payment methods, including Cash on Delivery and Stripe for secure online payments.
- Order Management: Customers can view their order history and track the status of their deliveries.

##### Admin Dashboard:

- Product Management: The admin can add, edit, disable, or delete products, along with managing inventory and product visibility.
- Order Management: Full control over customer orders, including the ability to view, update order statuses, and manage delivery processes.
- User Management: Ability to view and manage customer accounts, including resetting passwords and handling user inquiries.

##### Additional Features:

- Responsive Design: The site adapts seamlessly to all device types, ensuring a smooth user experience across desktops, tablets, and mobile devices.
- Security: Data encryption is employed to secure sensitive customer and payment data, adhering to the latest security practices.

This project demonstrates the implementation of a full-stack solution for e-commerce, providing both customers and administrators with an efficient, secure, and user-friendly platform.

- **Built With:** HTML5, CSS3, JavaScript ES6, JSON, Postman, ReactJS, NodeJS, RESTfull API, Material UI, Framor Motion, bcrypt, cors, dotenv, express, JSON Web Token, Mongoose, Nodemon, Axios, ReduxJS, Redux-Toolkit, JS-cookie, React, React-hot-toast, MongoDB, Cloudinary for hosting images and React-router-dom
- Live Demo: <https://evo-market.netlify.app/>
- Source Code: <https://github.com/OsamaYouseff/e-commerce-project>

## › Driving License Management System (FullStack Desktop App)

Driving License Management System (DLMS) is a comprehensive desktop application built using Windows Forms and the .NET framework, designed to streamline the processes of issuing, renewing, and managing driving licenses. Developed with a focus on Object-Oriented Programming (OOP) and functional programming principles, DLMS provides an intuitive interface for administrators and an efficient workflow for handling license-related tasks.

### Key features :

- Issuance and management of both local and international driving licenses.
- Integration with a built-in or imported civil registry.
- Full user management capabilities, including creating, editing, and deleting user profiles.
- Automated sequence for processing applications, from submission to class assignment and issuance of licenses, along with driver information registration.
- License renewal, detention, release, and replacement for lost or damaged licenses.
- A reservation system for scheduling license tests and tracking results.
- Data Management: Efficient handling of user data, license statuses, and application histories, leveraging advanced OOP and functional programming.
- Security: Encryption of sensitive data and adherence to privacy regulations to ensure data security.

The system is built using a 3-tier architecture, ensuring a clear separation of concerns:

- Presentation Layer: A user-friendly interface developed using Windows Forms.
- Business Logic Layer: Core system functionality implemented through OOP and functional programming techniques.
- Data Access Layer: Secure communication with a SQL Server database for reliable data storage and management.
- **Built With: C#, SQL-Database, Windows Forms, ASP .Net, OOP, SQL Server Management Studio**
- Review: <https://www.youtube.com/watch?v=n04M1rnYcow&feature=youtu.be>
- Source Code: <https://github.com/OsamaYouseff/Driving-License-Management-System>

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## › A Social Media Platform (I made the front\_end only)

Developed a small social media platform with features similar to Facebook, offering users the ability to create, edit, and delete posts, add comments, and interact with others' profiles. The platform includes essential authentication features like user registration and sign-in, providing a personalized user experience.

### Key features :

- Profile Viewing: Users can browse and view other users' profiles.
- Responsive Design: Ensures a seamless experience across devices, adapting to different screen sizes.
- User Interaction: Engage with content through comments and profile interactions.

This project was built with a focus on user-friendly design and performance, ensuring smooth navigation and feature accessibility.

- **Built With: HTML5, CSS3, JavaScript ES6, JSON, Postman, RESTfull API, Axios**
- Live Demo: <https://social-media-platform-by-osama-yousef.netlify.app/>
- Source Code: [https://github.com/OsamaYouseff/social\\_media\\_platform](https://github.com/OsamaYouseff/social_media_platform)

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## › More Projects :

Please Check This Link: <https://osama-youseff-portfolio.vercel.app/#projects-sec>

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## TECHNICAL SKILLS

› HTML › CSS3 › ReactJS › Material UI › Bootstrap › JSON › ReduxJS › MongoDB › NodeJS › ExpressJS  
› RESTfull API › TailwindCSS › SQL Database › OOP › Windows Forms › VueJS › Nuxt3 › Pinia

## DEVELOPER TOOLS

› SQL Server Management Studio › Postman › Git / GitHub › Redux-Toolkit › VS Code › Visual Studio

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## PROGRAMMING LANGUAGES

› C# › C++ › JavaScript

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## EDUCATION

I'm currently a student in the faculty of Engineering, Expected Graduation: 2026

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## LANGUAGES

Arabic - Native English - conversational