

# WARD KHADDOUR

## Full-Stack JavaScript Developer

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## SUMMARY

Full-Stack developer with ~2 years of experience building high-performance web applications. Proficient in TypeScript, React, Next.js, Nest.js, PostgreSQL, with a solid grasp of object-oriented programming, design principles/patterns, algorithms, and data structures. Passionate about crafting clean, maintainable code and currently expanding expertise in **system design** and **software architecture**.

## SKILLS

- **Programming Languages:** JavaScript, TypeScript, C++
- **Front-End:** Next.js, React, Zustand, React Router, React Query, Redux
- **Back-End:** Node.js, Express.js, Nest.js, MongoDB, Mongoose, PostgreSQL, TypeORM
- **APIs:** RESTful, GraphQL
- **Real-Time Communication:** WebSockets, Socket.io, WebRTC
- **Tools & Platforms:** Git, Postman
- **Practices & Principles:** Object-Oriented Programming (OOP), Object-Oriented Design (OOD), Design Patterns, Clean Architecture, Algorithms, Data Structures

## WORK EXPERIENCE

### Front-End developer | [Code Horizon](#) | Latakia, Syria | On-site

November 2023 - Present

- Developed and enhanced features for a freelancing platform, covering both the user-facing application and the admin dashboard.
- Co-built a ride-hailing system with real-time trip tracking, interactive booking maps, a customer web app, and an admin dashboard.
- Built a medical center management dashboard, optimizing UI components for speed, usability, and maintainability.
- Delivered a responsive, smooth user experience for a movie website project.
- Mentored three interns, providing hands-on training and onboarding support.
- Proposed workflow and code structure optimizations, improving team efficiency.
- Participated in daily stand-ups to ensure clear communication and collaboration.

### Front-End developer | [TasQment](#) | Latakia, Syria | On-site

December 2021 - April 2022

- Contributed to an Agile project management system implementing **Kanban** and **Scrum** methodologies.
- Built features for a course platform subsystem, collaborating with UI/UX designers to ensure responsive, user-friendly design.
- Integrated front-end components with back-end APIs for seamless functionality.
- Participated in daily scrum meetings to maintain alignment with project goals.
- Recognized as *Employee of the Month* for exceptional contributions.

## Front-End intern | TasQment | Latakia, Syria | On-site

March 2021 - November 2021

- Gained hands-on experience with HTML, CSS, and JavaScript through practical project work.
- Assisted in early-stage development tasks under senior developer guidance.
- Built foundational skills in web development, version control, and collaboration.

## PROJECTS

### Flatlane – Ride-Hailing Platform

September 2024 | Code Horizon | [flatlane.com](https://flatlane.com)

- Built a customer-facing web app with **real-time trip tracking**, ride booking, secure in-app chat, and a driver rating system.
- Integrated **Stripe** for secure payments, ensuring smooth and safe transactions.
- Applied design patterns (**Adapter**, **Observer**) for modular, maintainable architecture
- Developed an **admin dashboard** to monitor trips, manage drivers/customers, and track engagement metrics.
- **Impact:** Achieved high data-loading performance, improving user satisfaction for both customers and admins.

### Syrianlancer - Freelancing platform

January 2024 | Code Horizon | [syrianlancer.com](https://syrianlancer.com)

- Created a platform for service seekers and freelancers with **detailed service listings**, search/filter options, and secure transactions.
- Built a **rating system** to enhance trust and credibility.
- Integrated secure payment gateway and delivery system to protect both parties.
- Added real-time in-app chat for seamless communication.
- Developed an **admin dashboard** for service/user management, dispute resolution, and analytics tracking.

### EduLive – Online Courses Platform (Graduation Project)

August 2024 | Tishreen University

- Designed a platform with **live classrooms** (via WebRTC), **recorded streaming** (HLS/DASH), and **adaptive playback** for varied networks/devices.
- Implemented **Nest.js**, **GraphQL APIs**, **Socket.io**, **PostgreSQL**, and **React** for a full-stack solution.
- Built real-time signaling for video sessions and efficient querying for course data.
- **Achievement:** Scored **96%** as a graduation project, gaining deep expertise in WebRTC, streaming protocols, and GraphQL.

### React Intersection Observer Kit | Author

November 2023

- Developed a lightweight, TypeScript-based library for using the Intersection Observer API in React.
- Provided hooks for viewport entry/exit detection, real-time tracking, and custom visibility conditions.
- Optimized performance to minimize re-renders.
- **Achievement:** Published first npm package, learning npm publishing and GitHub Actions CI/CD.

## OPEN SOURCE CONTRIBUTION

### Validation.js - Added Qatari phone number validation | July 2025

- Navigated contribution guidelines and wrote clear, maintainer-friendly PRs.
- Added comprehensive test cases to ensure reliability.
- Engaged with maintainers and OSS community for feedback and review.

## EDUCATION

### **Bachelor's degree in Software Engineering**

Tishreen University | Latakia, Syria | September 2019 - Present

- Studied software engineering principles, design patterns, OOP, databases, algorithms, and data structures.
- Participated in the **Tishreen Collegiate Programming Contest (TCPC)**.
- Completed coursework in software design, system analysis, and project management.
- Continued professional development through workshops, seminars, and online courses on emerging technologies.

## LICENCES & CERTIFICATIONS

### **Meta Front-End Developer Specialization**

Coursera | Credential ID: KROPJ1K1YHYC | August 2025

### **Introduction to Next.js**

Coursera | Credential ID: EXK8GP41LE02 | August 2025

### **Introduction to Docker**

Coursera | Credential ID: U3WGUTQ0S6JQ | February 2025

## LANGUAGES

- **Arabic:** Native Speaker.
- **English:** Professional working proficiency

## REFERENCES

Available upon request.