Mohammed Tawileh

Full-stack developer

Adress: Syria, Damascus
Email: mohammedtawileh@gmail.com
Phone: +963997221447

Objective

I am an experienced full-stack web developer with expertise in JavaScript and related frameworks. I have worked extensively with React JS, building user interfaces and front-end applications. On the back-end, I have experience with Node.js for building scalable server-side logic. I am also proficient in Next.js for developing server-rendered React apps.
I am capable of working on projects end-to-end, from front-end UI to back-end APIs and databases. I have a strong understanding of modern web development practices and continuously expand my skills in new frameworks and libraries.
My JavaScript and front-end focused background enables me to rapidly develop web apps and sites that provide smooth, engaging user experiences.

Experience

Clothes App Store 11/2023 - present

Role: Back-end developer

I architected and built the Node.js/Express REST API that handled all data and logic for the frontend. I designed the database schema and implemented it in MySQL to store product info, user profiles, shopping carts and orders. Leveraging test driven development, I built endpoints for user authentication, product catalog, search, cart management.

For FayForAr Website 09/2022 - 07/2023

Role: Web Developer

1. Al-Bayan E-Books:

I developed three interactive Arabic language learning e-books for the Al-Bayan platform, launched on Fayzeh Bahyan's personal website on 11/2022. Built using the React.js framework, these e-books provide students structured lessons and exercises for learning Arabic at the beginner level. Through its reactive components and efficient rendering, React enabled me to create an engaging user experience for Al-Bayan's Arabic instructional content.

2. Al-Bayan Learning Arabic Letters:

I created the Al-Bayan Learning Arabic Letters web application as the developer, using React.js for the front-end user interface along with the p5.js JavaScript library for the drawing and sketching functionality. Launched on 07/2023, this interactive web app teaches students Arabic letter shapes by providing tracing activities and drawing challenges. By leveraging React's fast rendering and p5.js graphics capabilities, I was able to build an innovative platform for learning Arabic alphabet letters through visual modes.

School Managemnt System 01/2023 - 05/2023

A University Project

Role: Back-end developer

As the backend developer on this project, I worked on building a robust API using Laravel to power the entire application. My responsibilities included designing the database schema, defining API endpoints, implementing core functionality like student/teacher profiles, schedules, grading systems etc.
Additionally, I integrated a chatbot by developing a real-time Node.js server that connected to third-party AI services. Through WebSockets, students could access this chatbot from their mobile app.
I was also involved in documenting requirements, specifications and API documentation.
Working closely with the frontend developer, I provided insights into feasibility, timelines and technical limitations to align the implementation with product goals.
My experience developing scalable Laravel APIs and integrating external services proved valuable for delivering a functional backend that met project needs.

CodeRacer Website 01/2022 - 03/2022

Role: Founder, Developer

Coderacer is a website designed and developed from the ground up by me, the founder, on January 15, 2022 to enable programmers to engage in typing speed competitions. The back-end was built using Node.js, while the front-end was created with React.js and Next.js frameworks.

Next.js is a full-stack development framework that builds on React's front-end capabilities by adding back-end functionality like server-side rendering and static site generation.

Through the use of Next.js, Coderacer gained benefits like faster page loads and search engine optimization. On the front-end, React provides an efficient way to build user interfaces and components that respond quickly.

By leveraging the strengths of Node.js, React, and Next.js, I was able to build a modern, high-performance website where programmers can test and compare their coding speed in a gamified environment.

Education

Information Technology Engineering 2020 - present

Damascus University

Skills

Programming Languages:

- Javascript (Expert)
- PHP (Proficient)
- C++ (Expert)

Additional Technologies:

- Git (Proficient)
- Linux (Proficient)

Front-end Technologies :

- React (Excellent)
- Redux Toolkit (Proficient)
- Next JS (Proficient)
- p5js (Proficient)
- Inertia JS (Proficient)
- Socket.IO (Proficient)

Back-end Technologies :

- Laravel (Excellent)
- MySQL (Excellent)
- Express JS (Proficient)
- MongoDB (Proficient)
- Socket.IO (Proficient)

Achievements

- **Certificate of Achievement DCPC (Ranked #11 Place)**

The 2022 ICPC Damascus University Collegiate Programming Contest

- **Certificate of Achievement SCPC**

The 2022 ICPC Syrian Collegiate Programming Contest

Languages

- **Arabic:** Native language
- **English:** Advanced in reading and listening, Intermediate in speaking and writing