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Languages

Arabic
Mother tongue

English
Professional Terminology

French
Second native language

Soft Skills

- **Problem-Solving & Debugging**
- **Self-Motivation**
- **Collaboration & Teamwork**
- **Attention to Detail**
- **Agile & Scrum Methodologies**
- **Time Management & Multitasking**

Interests

Professional Development
- Attending industry conferences and workshops

Sports & Fitness
- Team sports or individual activities (e.g., running, bodybuilding)

Travel & Culture
- Traveling to new countries or learning about different cultures

Social networks

🐱 @youssefmkd
in @Youssef MOUKADEM

Youssef MOUKADEM

Aspiring Software Engineer | Passionate About Web Development, Software Engineering & Microsoft Azure

Recent Computer Engineering graduate with hands-on full-stack experience using React, JavaScript, and ASP.NET. Strong foundation in OOP, databases, and software engineering (Agile, Jira). Passionate about full-stack development; familiar with ES6+, component-based architecture, and state management. Currently enhancing skills through The Odin Project with real projects and preparing for Microsoft Azure certification. Keen to contribute in Agile teams and grow skills in testing, CI/CD, and cloud

Technical Skills

- **Front-End Development:** HTML5, CSS3, JavaScript (ES6+), React.js
- **UI Libraries & Frameworks:** Tailwind CSS, Bootstrap
- **Routing:** React Router, Next.js Routing
- **Backend & Database:** ASP.NET, Node.js, MySQL, MongoDB, Database Normalization
- **Version Control:** Git, GitHub, GitLab
- **Build Tools & Package Managers:** Vite, npm, Webpack, Azure
- **Software Design:** UML Modeling, Software Architecture
- **Concepts:** Object-Oriented Programming, Agile Methodology, Component-Based Architecture, State Management, CI/CD

Work experience

University Project: Real Estate Web Application
From February 2024 to July 2024 University Of Craiova DJ , Romania
- Designed and developed a real estate web application using PHP and MySQL to manage property listings, user accounts, and inquiries.
- Built an intuitive, responsive UI with search and filter features; optimized database queries and caching for improved performance.

Relevant Projects

Banking Web Application (ASP.NET)
- Developed a secure and scalable banking web app with modular MVC architecture.

To-Do List Application (React & Vite)
- Built a simple, responsive to-do list app with core features like task addition, completion, and deletion, featuring a clean UI.

Mini JavaScript Projects
- Created small apps including a Library Management system, Etch-a-Sketch, Rock-Paper-Scissors game, and Calculator using vanilla JavaScript, focusing on DOM manipulation, event handling, and UI responsiveness.

Machine Learning Project: Predictive Analytics
- Implemented Linear Regression, Decision Trees, and Neural Networks with cross-validation to ensure accuracy.

Education

Engineer's Degree in Computer Engineering
From October 2021 to September 2024 University Of Craiova DJ , Romania
- **Programming & Systems:** OOP with C++, Data Structures, Web Application Design (ASP.NET), Computer Systems Architecture, Microprocessor Design, Computer Networks, Concurrent & Distributed Systems
- **Mathematics & Theory:** Formal Languages & Automata, Parallel & Distributed Algorithms, Logical Design, Computer Structure & Organization
- **AI & Graphics:** Artificial Intelligence, Machine Learning, Graphics Processing Systems (GraphQL, AWS Glue – City Project)
- **Software Engineering:** Jira, Agile methodology, Software Design Principles, Project Lifecycle
- **Databases & Security:** Database Design, SQL, Data Security
- **Digital & Electronics:** Digital Electronics, Microprocessor Systems