

Nouhaila Bouljihad

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Professional Summary

- Front-End Engineer with production experience building responsive web applications using React, Next.js, and TypeScript. Skilled in transforming Figma designs into pixel-perfect interfaces while optimizing performance. Strong foundation in modern JavaScript frameworks, UI/UX implementation, and collaborative Agile development.

Technical Skills

- **Front-End:** React.js, Next.js, TypeScript, JavaScript (ES6+), HTML5, CSS3, Blazor
- **UI & Styling:** Tailwind CSS, Material UI, Syncfusion, Responsive Design
- **Tools & DevOps:** Git/GitHub, Docker, Figma, CI/CD, Agile Methodologies
- **Additional:** C#, .NET, Python, SQL, Performance Optimization, Cross-Browser Testing, Component Architecture

Professional Experience

Software Developer

Apr 2024 – Apr 2025

CCS-Power | Manufacturing Execution System (MES), Casablanca

- Built responsive UI components for enterprise MES platform using Blazor, improving operator efficiency.
- Conducted comprehensive QA including functional, regression, and cross-browser testing, identifying 20+ critical issues.
- Optimized application performance for low-bandwidth environments, enhancing reliability and reducing load times.
- Participated in Agile sprints with daily standups, code reviews, and cross-functional collaboration.

Front-End Developer | Freelance

Feb 2025

Moganomad Hotel Website Project, Essaouira

- Developed complete front-end solution using Next.js 14 with server-side rendering.
- Transformed Figma designs into pixel-perfect responsive interfaces across all device breakpoints.
- Implemented image optimization, lazy loading, accessibility standards, and best practices.
- Collaborated with stakeholders through iterative feedback cycles ensuring timely project delivery.

Frontend Developer | Freelance

Feb 2022 – Apr 2024

Quick Digital Media, Casablanca-Settat, Morocco (Remote)

- Specialized in building responsive, user-focused web interfaces using React.
- Turned designs into clean, efficient code with HTML, CSS, JavaScript, and Tailwind CSS.
- Focused on delivering excellent user experience (UX) and design fidelity across devices.

Featured Projects

Happy Crash Detective

Python, GDB, Linux/macOS, Console

- Built an interactive debugger that converts crashes into human-readable, emoji-enhanced reports with actionable tips.
- Supported live process attachment and long-running programs for flexible debugging.
- Delivered colorful, structured console output for faster bug resolution.

Interactive Ping-Pong Web Game

Next.js, TypeScript, Tailwind CSS, Canvas API

- Browser-based game with real-time mechanics achieving 60 FPS through optimized render cycles.
- Reduced load time by 25% via code splitting, lazy loading, and asset optimization.

Inception | DevOps Infrastructure

Docker, Docker Compose, Nginx, WordPress, MariaDB

- Engineered containerized multi-service infrastructure with Docker Compose following microservices best practices.

Education

1337 School - 42 Network

2021 – Present

Computer Architecture

Morocco

- Completed intensive Common Core curriculum (20+ projects) in system programming and web development
- Currently pursuing Computer Architect specialization with focus on system design

Languages & Certifications

Languages:

- English (Professional)
- French (Professional)
- Arabic (Native)

Certifications:

- Programming Coach at MNPC22 – 9th place out of 90 competitors.