

Mohamed Mouloudj

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PROFESSIONAL SUMMARY

Full Stack Developer with expertise in **TypeScript** and **PHP**. Using frameworks such as **React**, **Next.js**, **Express.js** and **Laravel**. Skilled in building secure, scalable applications with a strong focus on cybersecurity, code quality and performance.

WORK EXPERIENCE

Arkeo D'or

Algiers, Algeria (Remote)

Full Stack Freelancer

Jun 2024 - Jul 2024

Designed and implemented a full-stack nursery CRM desktop app, first with MongoDB and JavaFX then migrated to Electron, Vite, and React, delivering a scalable and well-structured solution.

Algerian Tech Makers

Dar Elbeida, Algiers (Remote)

Frontend Developer & Project Manager

Feb 2025 - Present

Contributed to several frontend projects using modern web technologies, including Next.js, Zustand and Express.js. Managed both technical implementation and team coordination using Github Projects. Supported the organization's mission to build impactful digital tools through volunteer-driven initiatives.

Excellesia GmbH

Zug, Switzerland (Remote)

Cybersecurity & Development Intern

Feb 2025 - Jul 2025

Evaluated security vulnerabilities using Kali Linux and tools like Burp Suite, Wazuh, etc. Supported development of a multi-platform ERP platform using DHTMLX, React, Zustand, Express.js. Extended it for mobile use using Expo.js.

PROJECT EXPERIENCE

Zidni - E-Learning Platform

Frontend developer & Designer

Mar 2024 - May 2024

Participated in development of an interactive eLearning platform using React, Next.js, Firebase, MongoDB, and LottieFiles, enhancing CS students' learning with engaging animations and quizzes.

Badir - Initiatives Platform

Full Stack Developer

Aug 2025 - Sep 2025

Built an entire geolocation based volunteer platform using Next.js, Prisma, and Supabase, enabling communities to connect and organize local initiatives through proximity driven discovery.

Resource Monitor

Full Stack Developer

Jul 2025 - Jul 2025

Lightweight desktop app for real-time system resource monitoring. Built using Electron, Vite and React. It provides clear insights into performance metrics of user's machine.

EDUCATION

University of Science and Technology Houari Boumediene

Bab Ezzouar, Algiers

Computer Science Engineer Diploma(5-year Master's equivalent) - Cybersecurity Specialization

SKILLS

Frontend: JavaScript, TypeScript, React, Next.js, Astro.js, Expo.js, TanStack, Redux, Zustand, Tailwind, Scss, Shadcn, GSAP, Spline.

Backend: Node.js, Express.js, Laravel, Django, Java, MongoDB, PostgreSQL, MySQL, Supabase.