MOHAMED NOUAIM EL AAKIL

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Websites, Portfolios, Profiles

- https://linkedin.com/in/mohamed-nouaim
- https://github.com/NOUAIM98
- https://nouaim98.github.io/myportfolio

Professional Summary

Hardworking professional experienced in field and ready for challenging assignments. Reliable in completing quality work and exceeding expectations. Talented Software Developer equipped with great coding, debugging and project management abilities. Accomplishes project goals consistently with elegant, scalable code. Works great with team members under Agile and Scrum frameworks.

Skills

- JavaScript, Python
- PHP and Laravel
- React.js and React Native
- Node.js and Express.js

- GitHub and Docker
- Firebase and MongoDB
- Mongoose and MySQL
- CI/CD practices
- Agile methodologies and Scrum

Experience

10/2025 - Current
Interact Health PRO (IHP)
Canada (Remote)

Full Stack Developer intern

- Led the end-to-end development lifecycle of a holistic health tracking app, guiding the team to deliver a production-ready solution.
- Engineered a scalable Monorepo structure for 3 distinct applications, reducing code redundancy and improving development speed by 40%.
- Built a high-performance mobile app using Expo SDK 54 and custom Development Builds, achieving sub-second load times for critical health tracking features.
- Integrated Firebase Authentication with Google Sign-In and JWT strategies, securing user endpoints and eliminating unauthorized access risks.
- Developed a custom AdminJS dashboard and REST API, cutting administrative data management time for healthcare providers.
- Enforced strict QA protocols and comprehensive "Launch Checklist" documentation, reducing critical production bugs by 30% prior to the store release.

06/2024 - 09/2024

OMNISHORE MED TECH

Casablanca, Morocco

Software Engineering Analyst Intern

- Designed and optimized ETL pipelines using SSIS, improving data processing efficiency by 30% for healthcare systems.
- Collaborated with Microsoft engineers to migrate large-scale healthcare datasets, ensuring data integrity and consistency.
- Automated debugging and monitoring protocols, which reduced error resolution time by 25%.
- Created detailed onboarding guides and technical documentation to streamline team knowledge sharing.

07/2023 - 09/2023

PC INFO

Casablanca, Morocco

Cybersecurity Intern

- Conducted vulnerability assessments and implemented IT risk controls, successfully reducing security incidents by 20%.
- Deployed network security monitoring solutions to ensure system uptime and compliance.

Featured Projects

- QuizGen-AI: React, Node.js, Google Cloud Run, Elastic, Vertex AI, architected a serverless AI platform that transforms PDF documents into context-aware interactive quizzes using Generative AI. Implemented a RAG (Retrieval-Augmented Generation) pipeline: chunking and indexing text into Elastic for hybrid search, then leveraging Vertex AI (Gemini Flash) for accurate question generation. Deployed a production-ready REST API on Google Cloud Run with secure CORS configurations and a Firebase hosted frontend.
- BizLinker (Capstone Project): getbizlinker.site, Business discovery platform with listings, events, reviews, and an AI-powered chatbot. Built backend APIs (Laravel, MySQL) and contributed to frontend (React, React Native). Implemented secure authentication and admin dashboards. Delivered scalable integration supporting 1,000+ users.
- SilverConnect (Independent Project): silverconnect-frontend.vercel.app, Modern social networking app with posts, stories, messaging, and events. Built real-time chat and event features with React, Node.js, Express, and MongoDB. Optimized database structure, improving performance by 20%.

Education

06/2025

North Cyprus

Bachelor's degree in software engineering
Eastern Mediterranean University

01/2018

Morocco

Engineering Prep
EIGSCIA

01/2016

Morocco

High School Diploma
Physique L'Ambassadeur School

Languages

- Arabic, Native
- English, Fluent
- French, Fluent
- Spanish, Intermediate
- Chinese, Intermediate

Certifications

- TOEIC C1, EIGSCIA, 2021
- TCF B1, French Institute, 2020

- Certificate: Spanish Level 2, Instituto Cervantes, 2021
- Certificate: Chinese Level 2, Soochow University, 2020
- Udemy: Web Development (HTML, CSS, JavaScript), 2023 (Expired)

Awards Leadership

- Vice President, Moroccan Society – EMU, 2022
- President, Moroccan Society – EMU, 2023
- 1st Place, 400m Race – EMU Sports Event