Zakaria Elouahdi

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Profile

Web and application developer working with clients since 2020 on business applications, sports data platforms and cloud software. Co-owner of Mirotiper, combining formal software development training with practical experience in client requirements, data workflows and AI integration. Interested in postgraduate study in business informatics, digital transformation and applied AI.

Education

Licence Universitaire Professionnelle 2021 - 2022

Université Hassan 1er, Faculté des Sciences et Techniques de Settat

Génie Informatique, specialisation Développement Java J2EE.
Final grade: 16.35/20; mention Très Bien. One-year programme.

Diplôme de Technicien Spécialisé 2019 - 2021

OFPPT, Institut Spécialisé de Gestion et d'Informatique, Laâyoune

Techniques de Développement Informatique.
Final overall average: 17.72/20. Two-year programme.

Baccalauréat 2019

Sciences Physiques, Option Français. Final grade: 13.54/20; mention Assez Bien.

Professional Experience

Co-owner and Application Developer Sep 2023 - Present

Mirotiper

- Develop the data collection, analytical logic, backend and interfaces for a football betting tips website, working with a partner who provides domain knowledge.
- Centralised live football data retrieval and shared database updates. Implemented calculations from match, team and league data, with Gemini used for explanations and translation.

Vice Director Sep 2022 - Present

Imtiaz Private School, Laâyoune

- Monitor student marks and attendance, enter examination results into Massar, and handle administrative paperwork for students and parents.

Freelance Web and Application Developer 2020 - Present

Client projects and ongoing collaborations

- Translate client requirements into web applications, mobile interfaces and data-processing workflows, including content management, e-commerce and business administration.

Selected Projects

Warehouse System 2025 - Present

Inventory and operations system

- Develop an inventory and operations system for parts, storage locations, orders and invoicing, connecting web and desktop workflows.
- Build workflows for stock search, part registration and barcode/QR label design and printing, with organisation-scoped administration.

Vecten Cloud 2026 - Present

Cloud LiDAR application

- Developed the web application, point-cloud viewer and backend, translating the project owner's feature and workflow feedback into implementation decisions.
- Integrated Three.js and Potree with progressive loading and level-of-detail controls, plus RunPod, Docker and Temporal for cloud processing.

Public Tender Analysis Tool 2026 - Present

AI assisted document processing for a civil engineering business

- Built workflows to collect tender notices and files, unpack archives and extract content from PDF, Word, Excel and scanned documents.
- Integrated Gemini to identify financial and participation requirements. Structured large document collections into smaller sections and refined extraction using domain-expert feedback.

beTenis 2026 - Present

Tennis-data web and mobile application

- Developed a website and React Native/Expo application around client requirements for player statistics, fatigue, tournament conditions and playing surfaces.
- Separated collection and background analysis from the core API; introduced queues, caching, database indexes and data cleaning to address processing bottlenecks.

Technical Skills

Application development: JavaScript, TypeScript, React, Next.js, Node.js, Express, React Native/Expo; Java/J2EE training.

Data and cloud: MongoDB, PostgreSQL, API integration, queues, caching, Docker, Temporal and RunPod.

Specialist tools: Gemini integration, document-content extraction, Three.js and Potree.

Certifications and Professional Development

IBM Full-Stack JavaScript Developer Oct 2024

Professional Certificate, IBM via Coursera.

Meta Back-End Developer Sep 2024

Professional Certificate, Meta via Coursera.

Meta Front-End Developer Sep 2024

Professional Certificate, Meta via Coursera.

Microsoft Office Specialist Master Jan 2021

Word 2016 Expert, Excel 2016 Expert, PowerPoint 2016 and Access 2016.

Microsoft Exam 480 Jan 2020

Programming in HTML5 with JavaScript and CSS3 - passed.

Languages

Arabic: Native language.

English: IELTS Academic, 27 December 2025: overall 7.5 (CEFR C1).
Listening 8.0; Reading 8.5; Writing 6.5; Speaking 7.0.