

ZAID NACHIT

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EDUCATION

Higher School of Technology (EST) 2023 - 2025
University Diploma in Technology (DUT) - Business Intelligence & Data Science Essaouira, Morocco

El Mokhtar Soussi High School 2022 - 2023
High School Diploma in Experimental Sciences (Physics & Chemistry Option) Casablanca, Morocco

PROFESSIONAL EXPERIENCE

OXYLIFE RESPIR AIR Oct 2025 - Apr 2026
Full-Stack Developer Intern (Advanced Internship) Casablanca, Morocco

- Enhanced "OxyCare", an integrated web management system for patients, medical equipment, and technical field interventions.
- Implemented advanced role-based authentication (Admin/Technician) and built interactive statistical dashboards.
- Developed automated back-end PDF report generation features using ReportLab.
- Tech Stack: Next.js, TypeScript, Tailwind CSS, Flask, MySQL.

OXYLIFE RESPIR AIR Apr 2025 - Jun 2025
Web Developer Intern Casablanca, Morocco

- Contributed to the initial architecture and development of the OxyCare platform, including database design and inventory UI.

Vivace Consulting Jun 2024 - Jul 2024
Web Developer Intern Casablanca, Morocco

- Designed UX/UI wireframes via Figma and developed a dynamic Angular web application to track and manage medical provider contracts.

ACADEMIC & PERSONAL PROJECTS

Hotel Recommendation System (2030 World Cup) | Capstone Project (2025)

- Built a booking platform integrating a Machine Learning recommendation engine (TF-IDF, Nearest Neighbors algorithm).
- Developed full admin CRUD features and reservations management. Stack: Next.js, Flask, MongoDB, Pandas, Scikit-learn.

Food4U | Fast-Food Ordering Web Application

- Developed a comprehensive customer journey application (cart, favorites, tracking) alongside a dedicated admin management back-office.
- Integrated Firebase Auth/Roles and engineered a premium responsive UI with Tailwind CSS and Framer Motion animations.

Aura Hotel | Hotel Management Desktop Application

- Developed a Desktop application in a team using a JavaFX (FXML/CSS) interface and fully interactive dashboards.
- Managed business modules (rooms, bookings, clients) with DAO data access. Stack: Java 11, MongoDB, Maven.

Smart Weather App | Weather Web Application

- Consumed the Open-Meteo API, aggregated hourly forecasts, and implemented probabilistic calculations for weather conditions.
- Managed historical data storage via SQLite and handled user feedback. Stack: Python, Flask, SQLAlchemy, Bootstrap.

TECHNICAL SKILLS

- Web Development:** Next.js, React, Angular, Flask, TypeScript, JavaScript, HTML/CSS, Tailwind CSS, Framer Motion
- Databases & Cloud:** MongoDB, MySQL, SQLite, Oracle SQL, Firebase (Auth/Firestore)
- AI & Data Science:** Scikit-learn, Pandas, Machine Learning (ANN, CNN, K-Means, Random Forest)
- Graphic Design & UI:** Adobe Photoshop, Illustrator (Logo creation, posters, business cards), Figma
- Tools & OOP:** Java 11, Maven, Git, NetBeans, Jupyter, Anaconda, Kali Linux, Agile (Scrum, Kanban)

LANGUAGES

- Arabic:** Native
- French:** Fluent (B2 Level)
- English:** Fluent (B2 Level)

INTERESTS

- Building Interactive UIs (Portfolio)
- Active Member of the Robotics & AI Club
- Photography and Fitness