

Achraf EL GHAZI

Computer Science Student, Software Engineer

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EDUCATION

Bachelor's degree in Computer Science, Al Akhawayn University Ifrane, Morocco
Baccalaureate in Mathematics Sciences, Groupe Scolaire Alexandre Casablanca, Morocco

PROFESSIONAL EXPERIENCE

Software & DevOps Engineer, neoCedrus 08/2024 – Present | Ifrane, Morocco

• At neoCedrus, I served as a **Software Engineer** and later as a **DevOps Engineer | Product Manager**, contributing to the development and maintenance of **Xpress** and **Kudos**, large-scale university platforms used by 4,000+ students. I built responsive UIs with TypeScript, React.js, Tailwind CSS, and Material UI/Shadcn, and developed scalable, secure back-end services using Node.js, MongoDB/Mongoose, and PostgreSQL/Prisma. I oversaw the full product lifecycle, from requirements and sprints to deployment and feedback, while automating CI/CD pipelines and ensuring secure infrastructure. Through agile methodologies, code reviews, and cross-functional collaboration, I delivered high-quality, scalable solutions aligned with user needs and institutional goals.

Students Activities Office Leader, Al Akhawayn University 12/2023 – 08/2024 | Ifrane, Morocco

• Led event planning, graphic design, and student team coordination to ensure smooth campus activities. Directed the creation of high-visibility visuals and promotional materials using Adobe Photoshop, Illustrator, and InDesign. Mentored team members to foster creativity and collaboration, while streamlining logistics and resource allocation to align with institutional goals.

SKILLS

LANGUAGES – Python, JavaScript, TypeScript, HTML5/CSS3, C/C++, Java, **DATABASES** – PostgreSQL, Prisma, MongoDB, Mongoose, PyMongo, Redis, **FRAMEWORKS** – Node.js, Express.js, React.js, Tailwind CSS, Material UI, Shaden UI, NextJS, FastAPI, React Native, **TOOLS AND METHODOLOGIES** – Git/GitHub, Agile Methodologies, Turborepo Monorepo, DevOps, CI/CD, **Graphic Design** – Adobe Photoshop, Adobe Illustrator; Adobe InDesign, Figma, Adobe XD

PROJECTS

Ken, Personalized Opportunity Matcher, www.beken.org 02/2025 – Present

Ken is a web platform that connects organizations, professionals, and job seekers, enabling users to post and explore job opportunities, internships, and professional courses. It features a built-in booking system for expert meetings and secure authentication for personalized experiences. Built in a **monorepo using Turborepo**, Ken is designed for scalability and a seamless user journey, integrates payments for paid courses, and is deployed on a VPS for reliable performance and flexibility.

Wareflow, Warehouse Management System (WMS) 03/2025 – Present

Led backend development and API integration for **Wareflow**, a full-stack WMS built in a **monorepo**. Designed for real-time tracking, automated inventory, and secure role-based access with JWT, focusing on scalable architecture, robust APIs, and efficient database design.

Kudos, Mentoring/Tutoring Booking platform, <https://kudos.aui.ma/> 01/2025 – Present

Kudos is a platform developed using the MERN stack (MongoDB, Express.js, React, Node.js) and integrates Microsoft Authentication for secure access. It offers a seamless booking experience for tutoring, mentoring, and writing center services, utilizing the latest tech stack to ensure scalability, security, and efficiency in supporting students' academic growth at Al Akhawayn University.

Tranquilo Hurghada – A Modern Web Platform for Hospitality Management, <https://tranquilo-hurghada.com/en> 08/2025 – 08/2025

I built Tranquilo Hurghada as a scalable web app using a **monorepo with Turborepo**, combining a clean frontend with a secure backend. Deployed with **DevOps best practices** and CI/CD pipelines, it delivers a smooth, reliable platform for showcasing and managing the guesthouse experience.

ResLab, Research Lab booking platform, www.reslab.ma 01/2025 – 03/2025

ResLab is a platform developed using the MERN stack (MongoDB, Express.js, React, Node.js), designed to enable students and faculty to efficiently reserve university research labs. It ensures scalability and security, providing a seamless user experience. The system integrates Microsoft Authentication for secure and streamlined access, ensuring only authorized users can make reservations.

LANGUAGES

English French
Arabic