

YAHYA LAZREK

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PROFESSIONAL SUMMARY

Innovative Software Engineer with expertise in algorithm optimization and system architecture. Proficient in multiple programming languages and development frameworks, delivering effective solutions. Applies technical knowledge to enhance project outcomes and ensure precision in coding and debugging.

SKILLS

C#, ASP.NET Core, Python, React, TypeScript, JavaScript, HTML/CSS, RESTful APIs, Microsoft Azure, App Services, Azure SQL, Git, GitHub, Azure DevOps, Microsoft Teams

EXPERIENCE

Software Engineer

September 2025 - Present

Capgemini, Casablanca

- Developed and delivered features aligned with client requirements, enhancing user experience.
- Collaborated with team on development, testing, and code reviews, ensuring quality and timely support.
- Analysed incidents, identified root causes, implemented fixes, improving system reliability.

Software Engineer (internship)

March 2025 - September 2025

Capgemini, Casablanca

- Designed and developed intelligent chatbot powered by generative AI, integrated with Microsoft Teams to streamline HR processes.
- Developed backend APIs in C# with ASP.NET Core Web API to enhance chatbot functionalities.
- Developed unit tests to validate code quality and support future maintenance.

VR Engineer (internship)

July 2024 - September 2024

ShellBoxes, Marrakech

- Led technical implementation of core features, ensuring seamless integration and functionality within the VR experience.
- Collaborated with the team to design and refine the educational VR experience, increasing accessibility and effectiveness for users.
- Developed main mechanics and interactive systems for ChemistryVR, enhancing user engagement and learning outcomes.

Full-stack Engineer (internship)

July 2023 - October 2023

Ecodexia, Marrakech

- Developed and integrated user-friendly web platform features using React and TypeScript, enhancing user experience.
- Collaborated with team using Git to streamline development process and enhance platform functionality.
- Built a Python-based video generation tool to automate content creation workflows.

EDUCATION

Diplôme d'Ingénieur en Informatique en MIAGE (Méthodes Informatiques Appliquées à la Gestion des Entreprises)

July 2025

École Marocaine des Sciences de l'ingénieur, Marrakech

- Graduated with honors.
- Activities and societies: Ambassadeur centre de carrière, Vice president of Club Innovation (IT Club).
- Core skills: Computer Science and Analytical Skills.

CERTIFICATIONS

- Software Engineer Certificate, HackerRank.
- Advanced React, Meta.
- Introduction to Microsoft Azure Cloud Services, Microsoft.
- Agile Development and Scrum, IBM.
- Full Stack Development Track, Udacity.

LANGUAGES

English (Advanced) | French (Advanced) | Arabic (Advanced)

INTERESTS

Competitive Programming, Chess