

ALLOUL BADREDDINE

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◦ DETAILS ◦

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◦ LINKS ◦

[Portfolio](#)
[Linkedin](#)
[GitHub](#)

◦ LANGUAGES ◦



◦ SKILLS ◦



👤 PROFILE

Computer Science student with a minor in Business Administration, experienced in Database Systems, C programming, AI, and web/mobile development. Proficient in full-stack web development, with demonstrated adaptability in both team and individual projects. Skilled at delivering high-quality work within tight deadlines. Eager to contribute my expertise to real-world challenges.

📁 EMPLOYMENT HISTORY

- Custom Store E-commerce Platform**
 - Developed a multi-tenant e-commerce platform using Next.js, TypeScript, Spring Boot with Kotlin, and PostgreSQL, featuring admin panel, wishlist management, and currency switching.
- React-Powered Tourist Guide Mobile Application**
 - Employed React for front-end development and integrated Firebase as the back-end technology to craft a mobile application connecting tourists with local guides.
- Media Management Platform**
 - Built a media management platform with React/TypeScript frontend, Node.js backend, PostgreSQL database, and Docker containerization, implementing device management and real-time synchronization.
- Media Player Android Application**
 - Created a high-performance Android media player using Kotlin, Jetpack Compose, ExoPlayer, and Room Database, with memory optimization and adaptive performance algorithms.
- IfraneHub Project**
 - Designed and developed a community-oriented platform using modern web technologies, enabling users to share resources.
 - Utilized React for dynamic front-end interfaces, Node.js for the back-end, and MongoDB for efficient data management.
- B.Alloul Portfolio**
 - Created a personal portfolio website to showcase academic and professional achievements.
 - Leveraged HTML, CSS, and JavaScript for responsive design and interactive elements, ensuring a seamless user experience.
- Elements of AI - University of Helsinki**

Oct 2023 — Nov 2023
- EDUCATION**
 - Bachelor Degree in Computer Science with a Minor in Business Administration, AI Akhawayn University, Ifrane**

Sep 2020 — Present