

# IDBENOUAKRIM Mohamed

## Full Stack Developer

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🌐 🔄 🔗 Portfolio

### Education

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<b>Master - Information Systems and Data Science, ENSAM</b> The specialized master's program in Information Systems and Data Science at ENSAM Casablanca aims to train professionals in information systems with dual expertise in management and computer science. Graduates will be capable of enhancing business competitiveness through the implementation of high-performance, advanced technology applications. They will be able to initiate, manage, and successfully carry out comprehensive IT projects in Information Systems (IS) or Business Intelligence (BI).	10/2025 – 07/2027 Casablanca
<b>Degree in computer science and Development of Web and Mobile Applications, OFPPT ( Office of Vocational Training and Work Promotion )</b>	09/2019 – 07/2021 Agadir, Morocco
<b>Bachelor's degree in Chemistry, University Ibn Zohr</b>	2012 – 2015 Agadir, Morocco
<b>Baccalaureate in Life and Earth Sciences, Almajd School</b>	2010 – 2011 Agadir, Morocco

### Professional Experience

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<b>Full Stack Developer, Cora Tech</b> <ul style="list-style-type: none"><li>• Writing code in HTML5, CSS3, JavaScript, React, Next, Axios, TailwindCSS.</li><li>• Converted design to components.</li><li>• Handled bugs and tested for usability.</li><li>• Add unit testing, e2e testing.</li><li>• Deploying the application.</li><li>• Refactoring and improving existing React code for scalability, performance, and security.</li></ul>	06/2025 – Present Casablanca
<b>Full Stack Developer, TickTickTrader</b> <a href="#">🔗</a> <ul style="list-style-type: none"><li>• Develop and maintain the user interface of web applications.</li><li>• Implement responsive designs and ensure cross-browser compatibility.</li><li>• Use front-end frameworks/libraries like React, or NextJS.</li><li>• Design, implement, and maintain server-side logic using Node.js or other back-end frameworks like ExpressJS, NestJS, and <b>FastAPI</b>.</li><li>• Build high-performance <b>FastAPI</b> services with automatic OpenAPI documentation, leveraging Python type hints and Pydantic models for robust data validation.</li><li>• Create and manage databases (e.g., MongoDB, MySQL) and optimize database queries.</li><li>• Write unit tests for both front-end and back-end components.</li><li>• Design and develop RESTful APIs for communication between the front end and back end, utilizing both Node.js-based frameworks and <b>FastAPI</b> for Python-driven endpoints.</li></ul>	05/2023 – 06/2025

- Collaborate with cross-functional teams, including designers, product managers, and other developers.
- Implemented gRPC services to enhance communication efficiency and performance in the backend, replacing REST for optimized data exchange between microservices.
- Improved service scalability and response times, leveraging gRPC's bidirectional streaming capabilities to handle complex, high-throughput data operations.

#### **Full Stack Developer, Freelance**

10/2022 – 04/2023

- Make the player appear on every page in the app.
- Suggested and added new features.
- Implement a function to copy the URL's music.
- Implemented infinite scroll.
- Create a form for adding a new album.
- Implement a function to share music on social media with the URL's music.
- Developing and maintaining the user interface.

#### **Full Stack Developer, DevoTech**

10/2021 – 09/2022

Agadir, Morocco

- Writing code in HTML5, CSS3, JavaScript, React, Next, Axios Bootstrap, TailwindCSS, and Styled Component.
- Managing software workflow.
- Converted design to components.
- Handled bugs and tested for usability.
- Add unit testing, e2e testing.
- Deploying to AWS.
- Refactoring and improving existing React code for scalability, performance, and security.

## **Projects**

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### **headshotswithai** [🔗](#)

02/2024

Transform your professional image with our advanced AI headshot generator. Create stunning, high-quality headshots effortlessly with **HeadshotsWithAI.com** [🔗](#).

- Use front-end framework/library with NextJS.
- Use Stripe and PayPal for the payment.
- Writing code in HTML5, CSS3, JavaScript, NextJS, TailwindCSS.
- Handled bugs and tested for usability.

## **Skills**

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JavaScript/TypeScript

NodeJS

Go(Golang)

ReactJS/NextJS

NestJS/ExpressJS

Docker

FastAPI(Python)