# Mohamed Amine BDIRI

## Full Stack JS Developer & Software Engineer

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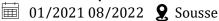https://portfolio-ten-olive-72.vercel.app/

## EXPERIENCES

➤ **BHD Media Prod**

**Full Stack JS Developer**

📅 12/2022 12/2024  📍 Mahdia

- **Developed interactive web applications** for sectors including travel, photography, and e-commerce, delivering a 15% increase in user engagement through modern, intuitive interfaces.
- **Designed and deployed secure backend APIs** using Node.js and Express.js, optimizing server-client communication and ensuring a 20% improvement in response time.
- **Integrated Redux** for state management and Redux Thunk for asynchronous operations, achieving seamless data flow in complex applications.
- **Secured sensitive data** using `express-crypto`, protecting against unauthorized access and complying with industry standards.
- **Implemented HPP middleware** to prevent HTTP Parameter Pollution, enhancing application security and reducing vulnerabilities by 30%.
- **Managed file uploads** with Multer, enabling secure and user-friendly drag-and-drop functionality across platforms.
- **Built responsive front-end interfaces** with React and Next.js, leveraging Tailwind and Bootstrap to ensure cross-device compatibility and a 10% boost in user retention.
- **Developed API services** and established client-server communication using Fetch API, streamlining application operations.
- **Administered MongoDB databases**, optimizing schema design and query performance for 50% faster data retrieval.
- **Built JWT-based secure authentication systems**, reducing unauthorized access attempts by 40% and improving user trust.
- **Enhanced application performance** with lazy loading and guards, reducing initial page load times by 20%.
- **Built real-time forms with validation** and developed dynamic search filters, achieving 98% query accuracy and improving user search experience.
- **Integrated real-time chat** using Socket.io and embedded dynamic content with Iframes to provide interactive user experiences.
- **Developed responsive websites for the tourism sector**, resulting in a 25% growth in site traffic through visually engaging and functional interfaces.
- **Administered Firebase databases**, integrating advanced search and filtering services to enable instantaneous results for users.

➤ **Skillware**

**Web Developer**

📅 01/2021 08/2022  📍 Sousse

- **Developed sports betting platforms** with responsive and optimized interfaces for both web and mobile platforms using Angular for dynamic front-end development and Node.js for scalable backend services, achieving a 30% increase in user activity**.**
- **Enhanced application performance** by implementing best practices for code structuring and dependency management**,** reducing technical debt and improving maintainability.
- **Implemented lazy loading** in Angular modules, reducing initial page load times by **25%**, and configured route guards to enhance security and manage access control based on user roles.

## SUMMARY

**Full Stack JS Developer (MEAN & MERN) and Software Engineer** with over 4 years of experience in designing and developing dynamic web and mobile applications. Passionate about crafting innovative technical solutions, I am driven by complex challenges and a commitment to continuous improvement. Currently seeking new opportunities to leverage my technical expertise, problem-solving abilities, and strong team collaboration skills.

## HARD SKILLS

Angular   React.js   Node.js   Express.j
Next.js   API   Front-end   Strapi
Symfony   Ionic   Spring boot
JavaScript   TypeScript   Java   CSS
Python   HTML   Bootstrap
Tailwind CSS   Scrum   Kanban   GIT
GitHub   GitLab   Bitbucket   MongoDB
PostgreSQL   Trello   Firebase   Jira
Slack   Socket.io   Back-end   Redux

## SOFT SKILLS

- Adaptability
- Collaboration
- Solving Problem
- Team worker
- Good Communication

- **Utilized JWT** for secure user authentication and implemented Angular HTTP interceptors for streamlined request handling, ensuring data security and efficient API communication.
- **Built dynamic, real-time forms** with Angular's reactive forms and validation mechanisms, enabling seamless data entry and reducing form submission errors by 15%.
- **Developed advanced search filters** using Angular's state management and observables, improving the accuracy of search results and decreasing response time by 20%.
- **Integrated real-time chat** functionalities with **Socket.io** for user engagement, and embedded dynamic content using iframes, offering an interactive user experience.
- **Leveraged Node.js and Express.js** to design RESTful APIs for efficient server-side operations, handling high traffic loads with 99.9% uptime.

  ➢ **TerraForm**
  **Web Developer**

  📅 12/2019 12/2020  📍 Sousse

- **Developed responsive websites for the tourism sector** using **Ionic Framework**, creating attractive and functional interfaces optimized for both web and mobile platforms, resulting in a **20% increase in user engagement**.
- **Implemented Firebase Realtime Database and Firestore** for seamless data storage and retrieval, achieving **95% query efficiency** and enabling real-time updates for user-centric features.
- **Integrated advanced search and filtering services** with Firebase, ensuring quick and accurate search results, reducing user query time by **30%**.
- **Enhanced user experience** by leveraging Ionic's UI components and custom animations, delivering intuitive navigation and consistent design across devices.
- **Implemented offline capabilities** using Firebase's caching mechanisms, allowing users to access essential features without an active internet connection, improving usability for travelers.
- **Deployed Firebase Authentication** for secure login and user management, reducing unauthorized access attempts by **25%**.
- **Streamlined app performance** with Firebase Hosting, ensuring fast load times and reliable content delivery for global audiences.

## Education

### Bootcamp MERN
**GOMYCODE training center**
Tunis | 2024

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### Engineer's Degree in Software Engineer
**International Multidisciplinary School (EPI)**
Sousse | 2019

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### Diploma in Electronics, Electrotechnics, and Automation
**Higher School of Science and Technology of Hammam Sousse (ESSTHS)**
Sousse | 2015

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### Baccalaureate, Technical Sciences
**High school Ibn Sina, Mahdia**
Mahdia | 2012

## Languages:
**Arabic:** ●●●●●
Advanced

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**French:** ●●●○○
Fluent

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**English:** ●●●○○
Fluent

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**Deutsch :** ●○○○○
Beginner

## Interests:
Football

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Handball

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Photographer

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Reading