Abdelmadjid Belilet

Computer Engineer
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Summary

Results-driven Full-Stack Developer with hands-on experience in building scalable web and mobile applications using modern technologies including React, Next.js, Node.js, and Laravel. Proficient in designing clean, maintainable architectures and implementing microservices and real-time features with Firebase. Skilled in Python for backend development, automation, AI-powered features, and computer vision — including developing a desktop object detection app with TensorFlow and Tkinter. Additionally experienced in robotics and embedded systems, having built and programmed Arduino-based projects that integrate sensors, actuators, and real-time data processing for interactive hardware solutions. Proven track record delivering impactful projects in healthcare, e-commerce, and restaurant management. Adept at cross-functional team collaboration, rapid learning, and solving complex problems with innovative, user-focused solutions. Actively seeking opportunities to contribute to forward-thinking teams and meaningful products.

Core Competencies

- **Languages & Frameworks**: JavaScript, TypeScript, Java/Kotlin, React(NextJS),arduino Node.js,php,laravel,tailwindcss ,bootstrap,python(pandas ,numpay),tkinter
- **Databases & Tools**: PostgreSQL, MongoDB ,MySQL
- **System Design & Architecture**: Clean Architecture, MCD, BDD, Use Case Diagrams, Sequence Diagrams, Class Diagrams

Web Development
Fast Food Olirab | January 2024 – Present | Jijel, Algeria

- End-to-end restaurant management system with real-time order tracking and role-based access
- -Designed and developed a comprehensive fast food management platform with

modules for admins, kitchen staff, servers, and cashiers
- Implemented real-time order tracking and kitchen notifications using Firebase and WebSockets, reducing service delays and improving kitchen coordination
- Built a modern, responsive frontend with Next.js and React, leveraging shadcn/ui and Tailwind CSS for sleek, accessible UI components
- Integrated Laravel backend with MySQL for secure data management, and set up role-based authentication and order management workflows
- Focused on modularity, security, and scalability, enabling future expansion to multi-branch management and customer-facing features **Tech stack**: Next.js, React, Tailwind CSS, shadcn/ui, Laravel, MySQL, Firebase, Axios, WebSockets

app Development
Object Detection Desktop Application | June 2024 – August 2024

- Standalone desktop application for detecting and classifying objects in real-time using deep learning
- Developed a Python-based object detection app with an intuitive Tkinter GUI for desktop users
- Implemented real-time object recognition using a custom-trained TensorFlow model for improved accuracy across specific classes
- Utilized OpenCV for video capture and frame processing, with detection overlays dynamically rendered in the UI
- Leveraged NumPy and Pandas for data preprocessing, annotation analysis, and model evaluation during development
- Designed the application to run smoothly on mid-range systems, optimized for both performance and accessibility **Tech stack**: Python, TensorFlow, Tkinter, OpenCV, NumPy, Pandas

Professional Experience

Media Manager | Esperanza Scientific Club, University of Mohammed Seddik Ben Yahia Jijel Date: [september 2024-april 2025]

- Led the media management team, coordinating photographers, designers, editors, and content creators.
- Organized and promoted numerous conferences, hackathons, competitions, and professional events, including CEO talks, English sessions, and communication workshops.
- Managed media content creation and social media presence, ensuring timely

and professional posts including stories, event highlights, and announcements.

- Acted as a key problem solver within the media team to maintain smooth operations and effective communication.
- Fostered a highly motivated, productive team environment focused on collaboration and excellence.

Education

Computer Science in Seddik-ben-Yehya ,jijel Domain System information licence 2022 – 2025

Sertificates

JavaScript Essential Training — LinkedIn Learning, Web Development & JavaScript, July 2024 Completed (6 hours 14 minutes)

Learning the JavaScript Language — LinkedIn Learning, Web Development & JavaScript, July 2024 Completed (4 hours 2 minutes)

JavaScript Foundations Professional Certificate by Mozilla — LinkedIn Learning in collaboration with Mozilla, Web Development & JavaScript, August 2024 Completed (10 hours 17 minutes)

Robotics using Arduino Professional Certificate by Ellaps Enterprise — Ellaps Enterprise, Robotics & Embedded Systems, january 2025 Completed (20 hours)

Contributions & Interests

- Contributing to open-source projects
- Attending tech conferences and meetups
- Exploring new web technologies and frameworks