

# LAKEL DJIBRIL

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## PROJECTS

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### Development of My Personal Portfolio Website

Jan 2025 - Present

- Designed and developed a personal portfolio website to showcase projects and skills.
- Handled both front-end and back-end implementation with attention to user experience.
- Highlighted autonomy, digital fluency, and commitment to personal branding.

### Design and Assembly of a Functional Calculator

Mars 2025

- Designed and built a fully functional calculator from scratch.
- Performed electronic schematics, soldering of components, and circuit integration.
- Applied fundamental electronics knowledge to a concrete project.

### AI Project: Handwritten Digit Recognition

Février 2023

- Developed an artificial intelligence model capable of recognizing handwritten digits using Python and deep learning libraries.
- Trained the model on the MNIST dataset and optimized its accuracy through neural network architecture tuning.
- Demonstrated analytical thinking, problem-solving skills, and proficiency in machine learning fundamentals.

### Self-Hosting Server Setup

Sept 2020 - Present

- Built a personal self-hosting server using OpenMediaVault, Docker, and Portainer.
- Deployed and managed multiple containerized services in a secure and efficient environment.
- Gained hands-on experience in server administration, system architecture, and data management.

### Network-Based Battleship Game

Avril 2025

- Developed a fully functional Battleship game in Python with network communication between players.
- Built the front-end using HTML5 and CSS3 to provide an interactive user interface.
- Implemented server-client architecture, ensuring real-time gameplay and data exchange.

## CERTIFICATION

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### Python AI Developer

Issued by Mimo – February 2025

- Certificate of Completion covering: Python programming, Artificial Intelligence, Machine Learning fundamentals, and Data Structures.

### Getting Started with Deep Learning

Issued by NVIDIA – February 2025

- Certificate of Competency validating skills in PyTorch, deep learning fundamentals, neural networks, model training, and applied AI techniques.

### Introduction to Deep Learning

Issued by OpenClassrooms – March 2023

- Certificate validating foundational knowledge in deep learning and artificial intelligence concepts.

### AI Essentials: Introduction to Artificial Intelligence

Issued by OpenClassrooms – February 2023

- Certificate demonstrating introductory knowledge of artificial intelligence principles and applications.