



Bouakkaz Lotfi

Frontend Engineer

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Summary

Frontend Engineer with 3+ years of experience in **React, TypeScript, and modern UI frameworks**, delivering scalable, user-friendly apps. Strong background in **AI and frontend development**, with a focus on clean design, performance, and seamless user experience.

Experience

Inventcorp

Frontend Engineer

November 2023 - Present

Algiers - Algeria

🔗 <https://www.inventcorp.io/>

- Led development of internal dashboards with secure authentication and session management.
- Built reliable CRUD operations with validation, error handling, and UX-focused boundaries.
- Optimized frontend performance, including image handling and load speed improvements.
- Developed a React Native mobile app with offline-first features.
- Collaborated with backend engineers to align APIs and ensure seamless integration.

Djoozoo

Fullstack Developer

May 2023 - July 2023

Skikda - Algeria

- Built a **multi-method payment gateway** supporting seamless and secure transactions.
- Designed and implemented a **reservation calendar** for streamlined booking management.
- Improved rendering performance and overall **site speed**, enhancing user experience.
- Collaborated closely with designers and backend developers to align on product needs.

ONDEEC

Software Engineer

June 2022 - April 2023

Tiaret - Algeria

- Built a cross-platform desktop app using **React, TypeScript, Express, and MongoDB**.
- Improved data accessibility by **75%** through intuitive UI and efficient data flow design.
- Reduced average data retrieval time to **under 2 seconds**, enhancing user productivity.
- Implemented modular architecture for scalability and easier maintenance.

CDTA

AI Engineer Intern

Feb 2022 - July 2022

Algiers - Algeria

Contributed to applied research and software development projects within Algeria's leading technology research center. Worked on building and testing digital solutions, collaborating with researchers and engineers. Gained hands-on experience in modern web technologies, problem-solving, and applying theoretical knowledge in practical contexts.

Education

University of Science and Technology Houari Boumediene

Computer Science

Sep 2017 - June 2020

Bachelor's degree

University of Science and Technology Houari Boumediene

Computer Vision

Sep 2020 - June 2022

Master's degree

Projects

Gassi Go

Dog sharing platform

2025

🔗 <https://gassigo.com/>

Gassigo is a dog-sitting app built for the Swiss market. It helps owners find and book trusted sitters through an interactive map, with clear roles for both sides. The app includes real-time chat using WebSockets, booking that syncs directly with Google Calendar, and secure login with Google OAuth. The frontend is built with React and the backend with NestJS, making it fast, reliable, and easy to scale.