

Houssam Boudiar

+213 676 010 450 • houssam.boudiar@univ-constantine2.dz • Algeria, Algiers • github.com/houssamboudiar
• linkedin.com/in/houssam-boudiar/ • houssamboudiar.vercel.app

Technical Skills



Work Experience

Smartest – Fullstack Developer | Algiers, Algeria

March 2022 – Present

SMARTEST, a company providing global digital solutions for the oil, gas, renewable energy and other industries.

Tech: Angular, SASS, NestJs, MongoDB, MinIO, DevExtreme, RestAPI, Agile, GitLab, Clean Architecture, CQRS

- Implemented JWT authentication and authorization to a NestJS project based on clean architecture rules.
- Refactored old components with better state management patterns and implemented different services.
- Integrated MinIO filestore to streamline data management for increased efficiency.

Ministry of National Defense – Officer (National Service) | Algeria

January 2021 – January 2022

Managing over 100 soldiers' vacancies and operating shifts were falling off cause there was no way to track their work. I designed an excel stylesheet that keeps all the necessary information on track The workers felt equal afterwards. They've become more productive with fewer working hours.

Arista – Frontend Developer | Constantine, Algeria

February 2020 – November 2020

Arista is a software company based in Algeria, It handles client software requirements.

Tech: TypeScript, React, Redux, ChakraUI, Styled Components, Jest, RestAPI, Agile, Git

- Reduced application load time by 60% by improving react components thus enhancing user experience.
- Optimized HTTP requests by applying Throttling and Debouncing techniques to enhance backend costs.

GDG Constantine – Web Developer | Constantine, Algeria

April 2019 – October 2019

Tech: React, Jest, Bootstrap, Springboot, JPA, RestAPI, Agile, Git

Education

University of Constantine 2, TLSI

September 2018 – October 2020

MSc Software engineering | Constantine, Algeria

- **Coursework:** Design Patterns, Database Optimization, Microservices, Agile Process, Machine Learning

University of Constantine 2, NTIC

September 2015 – June 2018

BSc Computer Science | Constantine, Algeria

- **Coursework:** Data Structures, Algorithms, OO Programming, Web Development, Database Design

Personal Projects

Sportify

July 2022

Tech: TypeScript, React, Redux, SCSS, RestAPI, *Spotify Playback SDK*

A responsive Spotify web client that displays the latest workout and motivational songs on a GYM touch screen to customize athletes' experience. [GitHub](#) | [Live](#)

React Shop

June 2022

Tech: React, Redux, Styled Components, GraphQL

An E-commerce application to showcase products with various attributes, It provides a fast user interface for shops wanting to deliver online products to their customers. [Github](#) | [Live](#)

Inventory Management

February 2022

Tech: TypeScript, React, Redux, Styled Components, RestAPI, Django RF, JWT, PostgreSQL

I implemented a user-friendly system that handles managing and buying inventory, checking out customers, scheduling employee shifts, keeping track of finances, etc. [GitHub](#)

Miscellaneous

- **Languages:** Arabic(Native) | English(B2) | French(B2) | German(A2).
- **Books:** O'Reilly Html & CSS The good parts | Pro React 16 | React 17 Design Patterns and Best Practices.