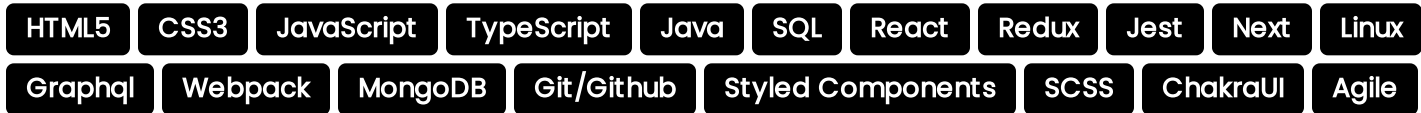# Houssam Boudiar

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• github.com/houssamboudiar • linkedin.com/in/houssam-boudiar/ • houssamboudiar.vercel.app

Technical Skills

`HTML5` `CSS3` `JavaScript` `TypeScript` `Java` `SQL` `React` `Redux` `Jest` `Next` `Linux`
`Graphql` `Webpack` `MongoDB` `Git/Github` `Styled Components` `SCSS` `ChakraUI` `Agile`

Work Experience

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.
- Tracked user interactions using custom hook *react-tracking/useTracking* and *refactored old* components to cut technical dept.

GDG Constantine - Web Developer | Constantine, Algeria　　　　April 2019 - October 2019

University projects incubator capable of supporting new startups in developing their projects in good conditions.

Tech: React, Jest, Bootstrap, Springboot, JPA, RestAPI, Agile, Git
- Optimized SQL queries of the system to enhance website responsiveness and reduce database cost.
- Developed UI elements as part of an agile team to deliver features while writing code for app logic.
- Conducted UI tests for identifying & resolving any issues before deployment.

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 Sop　　　　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. Thus, reducing the effort required for repetitive manual tasks and providing stats for better analysis and decision-making. [GitHub](#)

Miscellaneous

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