



# Brahim Mahioussi

Software engineer | Software developer | Web Developer

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## EXPERIENCE

### SOFTWARE ENGINEER (Full Time) | SONATRACH

FEB 2020 – Present

I started as System engineer working and managing different systems (Microsoft Exchange, docker, Linux, Active directory, windows storage, Firewall Sophos XG, Kaspersky center) for one year. Before switching to be Software engineer, and as Software engineer I:

- Developed Frontend Apps using React and latest technology while keeping performance in check (React, Typescript, Redux, Jsx, jest)
- Built NestJs RESTFull API with the documentation using Swagger and compodoc(Nodejs, Nestjs, prisma, sql)
- Designed modern user interfaces UI UX for our ERP Apps using Figma.
- Optimized APIs requests speed up to 30% by optimizing Sql queries and implementing caching.
- Building a Continuous Delivery Pipeline using GitHub Actions.

### FULLSTACK DEVELOPER (Part Time) | FREELANCE

MAY 2018 - FEB 2020

After my internship where I developed Payroll Management App and during my Masters, I opened up to new technologies and challenges while working on different projects with multiple clients, such as:

- **The Archive Management:** I built App for a police office to manage their investigations data with statics and reports
- [Kids Park Management System](#) :Built from scratch using to manage kids park with QR code generator C#
- **Complain Management Platform:** I developed Complain Management and network distribution system status Platform for SEOR SPA which is a water distribution and Sanitation Company in Algeria it has more than 400K clients

### SOFTWARE DEVELOPER (Internship) | ITPROCESS

JAN 2017 - MAY 2017

Professional internship for my end-of-study bachelor project throughout this internship, I was able to gather the necessary Knowledge to develop my [payroll management app](#) using C# ,SQLServer,Report Viewer

## EDUCATION

### Master's Degree in Network & Distributed Systems

SEP 2017 - SEP 2019

At University of Science and Technology of Oran – MB

Theses Project CLOUD-IOT (I designed & developed distributed Cloud IOT System using MQTT and teste its security and reenforce it after)

### Bachelor degree in Computer Science

SEP 2014 - SEP 2017

At University of Science and Technology of Oran – MB

## TECHNICAL SKILLS

- **Problem Solving Skills:** Logical Thinking, Googling, Data Driven, Debugging, Testing .
- **Stack:** Front-end, Back-end, ReactJS, Redux, Typescript, React Native, NestJs, NodeJS, JSX, MUI, microservices, APIs, HTML, CSS, WebScraping Python, C# SQL(SQL SERVER...) ,NoSQL.
- **Deployment:** CI CD, Linux, DigitalOcean ,OracleCloud, GCP, TraefikProxy, Docker, Ngnix, DNS, Configuration ...
- **Version Control:** GitHub, Git
- **Tools :** Figma, VScode, Photoshop

## LANGUAGES

- English
- Arabic
- French

## Open Source

- Contributed [DZCODE I/O](#) website
- Contributed to DZcode [Mobile App](#)
- Contributed to [NestJs mailer](#)

## INTEREST

- GYM Fitness
- VR - Games - Football
- Outdoors - hiking - running