

Abdeltif BOUJAMZA Full Stack Engineer

(React, Typescript, Node.js, Python, Next.js, PostgreSQL, Docker, AWS)

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29 yr - unmarried

Morocco

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# 😭 Education

# **Engineer's degree**

Sep 2015 - Jul 2018

**ENSEM - Université Hassan II, Casablanca** Automation and Industrial Computing

## **Preparatory classes**

Sep 2012 - Jul 2015

**Omar Ibn Al Khattab Center, Meknes** 

Mathematics and Physics (MP)

### **Baccalaureate**

Sep 2011 - Jul 2012

Al-Marjiia High School, Meknes

Mathematics

# **□** Languages

Arabic: Native
English: Professional
French: Professional

# **Experience**

## Full Stack Engineer - Planiverse

Jan 2022 - Present

#### Mission

Developed a full-stack SaaS platform designed to optimize distribution strategies, enabling the assessment of optimal inventory replenishment timing and quantities for multiple locations.

- Designed and managed data models and features within a serverless architecture, seamlessly connecting various frameworks and services.
- Integrated authentication systems, monitoring and observability features, object storage systems, a data integration framework, and an automated backup mechanism.
- Developed test cases and documented various components of the SaaS platform, encompassing data models and backend functionalities.
- Prepared the solution for deployment, whether in the cloud or on-premises.

**Stack:** Next.js · FastAPI · PostgreSQL · Docker · Grafana · Prometheus · Loki · Kafka . AWS

### Full Stack Engineer - GCL Group

Jan 2020 - Jan 2022 · 2 yr 1 mos

Casablanca, Morocco

### Mission:

Developed web-based dashboards for data analysis and visualization.

- Built web-based dashboards that collected data from CSV, Excel, and SQL sources. Used ETL processes to analyze and visualize insights.
- Deployed the solution on the AWS cloud platform.

**Stack:** Next.js (Tailwind - MUI - ApexCharts - NextAuth - Prisma - Cypress) · AWS (Amplify - RDS - Lambda - S3 - Cognito - Route 53 - IAM) · FastAPI (REST API - Pandas - Numpy - PyTest) · PostgresSQL

## Research & Development Engineer - Optech E&C

Jul 2018 - Jan 2020 · 1 yr 7 mos

Casablanca, Morocco

#### Mission

Developed an IoT device for data collection alongside a web application for data processing and visualization.

- Built an IoT device utilizing Raspberry Pi to wirelessly gather data from diverse sensors, perform data analysis, store it in the cloud, and transmit it to a web application for additional processing using Node.js / NodeRed and Python.
- Created a REST API in Django to receive and process data transmitted by the IoT device, and developed a dashboard web application to visualize the received data using Dash.

**Stack**: Node.js · JavaScript · Python · Django · Raspberry Pi

# **Graduation Project** - Innovation Lab for Operations (UM6P)

Feb 2018 - Jun 2018 · 5 mos

Ben Guerir, Morocco

### Mission:

Designed and implemented an intelligent lubrication system for Ben Guerir OCP mine, including autonomous algorithm development, remote monitoring, and real-world testing with sensor data.

**Stack:** Node.js · NodeRed · Arduino · Matlab