



Experience



Abdeltif BOUJAMZA Full Stack Engineer

(Next.js, Python, PostgreSQL, Docker, AWS)

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👤 29 yr - unmarried
🌐 linkedin.com/in/boujamza
📍 Morocco

Full Stack Engineer - Freelance

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) · PostgreSQL



Education

PhD student

Sep 2018- Present

ENSEM - Université Hassan II, Casablanca
Predictive modeling with Artificial Intelligence

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

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