

Othmane BENHAMOU

Software Engineer

Algiers, Algeria

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Experience

Technologies Python, Django, FastAPI, Javascript, Java, SQL, PySpark, PostgreSQL, SQLAlchemy, Redis, Docker.

Mar 2024 - **Software Engineer**, *Smart Drilling Ops*, Algiers
now

Description Worked on an Oil and Gas Platform that streamed real-time data using the ETP protocol, collaborating with a team to ensure the reliable transmission of data from rigs to subscribers.
Developed APIs for a queue management application, focusing on communication between the main server and kiosks to ensure data synchronization.

Jun 2023 - **Software Engineer**, *ELCS RESEARCH*, Algiers
Mar 2024

Description Worked within a development team to design and implement key features in an information system aimed at optimizing internal processes using Python and Django.

Mar-Sep 2020 **Android Developer**, *Research Center for Scientific and Technical Information CERIST*, Algiers

Description Development of a native Android mobile application with a REST API for CERIST using Java, PHP, and MySQL.

Education

2020–2022 **Master's Degree in Visual Computing**, *Houari Boumediene University of Science and Technology USTHB*, Algiers, With honors

Description Proposal of a new reconstruction technique using Multi-View Stereo Photometry.

2017–2020 **Bachelor's Degree in Computer Science**, *USTHB*, Algiers, with honors

Skills

- Strong understanding of software engineering principles
- Development of web applications with Python, FastAPI, and the Django framework
- Development of REST APIs with Java and the Spring framework
- Writing tests using Pytest and JUnit
- Using Linux systems, particularly the Ubuntu distribution
- Teamwork and communication
- Problem-solving and the ability to work under pressure

Languages

Fluent **Arabic**

Intermediate **French, English**