

# MOUSSAID AYOUB

## Software Engineer

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ayoubmoussaid.me

## EXPERIENCE

### Member Of Technical Staff

#### Oracle

02/2022 - Ongoing Casablanca, Morocco

Oracle is one of the leading companies in databases, cloud, ERP, HCM, CRM, ACM and more.

- Helped develop graph solutions used by the company's users
- Added features to pre-developed graph database solutions to ease their use
- Worked closely with the creators of PGQL (Property Graph Query Language)

### Junior Member Of Technical Staff

#### Oracle

10/2021 - 02/2022 Casablanca, Morocco

Oracle is one of the leading companies in databases, cloud, ERP, HCM, CRM, ACM and more.

- Benchmarked Oracle Graph technologies to determine which is suitable for which cases
- Used big scale databases to check the execution time and speed of each graph solution on OCI (Oracle Cloud Infrastructure)
- Created easy to use migration guide to Oracle property graph query language (PGQL)

### Research Assistant - Internship

#### Oracle Labs

02/2021 - 08/2021 Casablanca, Morocco

Oracle Labs is a research and development organization within Oracle

- Contribution to development and benchmark of Oracle Property Graph Technology

### Flutter Freelance developer

#### Spotter

01/2021 - 08/2021 Morocco

Spotter is a startup that solves issues with bank checks fraud

- Created the mobile app MVP
- Scan checks using phone's camera
- Communicate the image to the backend
- Use AI to get necessary data from the check (account, bank, and amount)
- Connect to respective bank to get validity of the check
- Show result to users (valid, not valid, or not enough funds to satisfy the check)

### Flutter Freelance developer

#### Ministry of Education + 1337 coding school

12/2020 - 06/2021 Morocco

Management and development of the education system in Morocco

- Development of Massar IOS app using flutter framework
- Massar is an app for educational system management: Students, absence, marks, exams, time schedule, etc ...
- For teachers, students, and parents.

### Java developer -Internship

#### CDG (caisse de dépôt et de gestion)

07/2019 Casablanca, morocco

A public financial institution that manages long-term savings.

- Worked on a Java Application for monetary transactions calculation
- Used JavaFX for Frontend
- PhpMyAdmin for MySQL Database

## EDUCATION

### Architect in Numerical Technologies

#### 1337 Coding School

10/2019 Khouribga, Morocco

## EDUCATION

### Software Engineer

#### Faculty of Science and Technologies

📅 09/2018 - 06/2021 📍 Settati, Morocco

### DEUST

#### Faculty of Science and Technologies

📅 09/2016 - 06/2018 📍 Settati, Morocco

## SKILLS

### Web development

React.js

Next.js

Tailwind CSS

JavaEE

OracleDB

MS-SQL server

Material UI

Express.js

GraphQL

### Mobile development

Flutter

Firebase

SQLite

### Programming languages

C/C++

Java

JS/TS

Dart

Python

### Tools

Bash

Git

Docker

Kubernetes

## PROJECTS

### Portfolio

📅 2020

Developed my portfolio where I showcase most of my projects and skills in details

- Used React.js, Next.js and Tailwind CSS.
- Deployed on Vercel.

### Cub3D

📅 2019 📍 Khouribga, Morocco

A project where I recreated some most amazing aspects of Wolfenstein 3D

- Used C language and learned ray casting basics

## LANGUAGES

Arabic

Native

English

Proficient

French

Proficient

## ACHIEVEMENTS

### </> CodingGame spring challenge 2020

1st place in Moroccan ranking and 137th/13699 WorldWide ranking

### 💎 HashCode 2020

17th place in moroccan ranking