

# Ayoub Moussaid

+212 6 36 21 41 61 | [ayoub.moussaid@outlook.com](mailto:ayoub.moussaid@outlook.com) | [github.com/ayoubmoussaid](https://github.com/ayoubmoussaid) | [ayoubmoussaid.me](https://ayoubmoussaid.me)

## Experience

---

### Flutter Developer (Freelance)

April 2023 - present

#### Accredited Wallet

- Engineered a dynamic form system, auto-generating based on JSON input.
- Streamlined form submission with custom validation procedures.
- Leveraged Riverpod for efficient state management across the application.
- Transitioned password update functionalities in-app, enhancing user experience.
- Spearheaded UI refinements, ensuring intuitive user interactions.

### Member of Technical Staff

February 2022 – present

#### Oracle

- Innovated PGQL features, enabling users to seamlessly get all data about their database graphs.
- Pioneered the PGQL to SQL/PGQ translator, aiding users in transitioning to SQL/PGQ standards.
- Developed the Oracle/PGQL version of the LDBC driver, ensuring optimal performance post-release.
- Enhanced the Create Property Graph statement in PGQL with arbitrary expressions and dot notation features.
- Resolved user-reported issues, ensuring software reliability.
- Assessed technical knowledge of candidates.
- Mentored interns, ensuring a productive and enriching internship experience.

### Junior Member of Technical Staff

October 2021 – January 2022

#### Oracle

- Initiated the first version of the PGQL to SQL/PGQ translator.
- Contributed to the PGFQL-on-RDBMS codebase with feature additions.
- Addressed and rectified minor software bugs.
- Established a basic benchmark solution for regression testing (Before the LDBC driver).

### Flutter Developer (Freelance)

July 2021 – August 2021

#### Easy Run

- Seamlessly integrated the CMI payment portal into a Flutter application.
- Designed a custom transaction solution harnessing Flutter, WebViews, and Firebase.

### Flutter Developer (Freelance)

January 2021 – August 2021

#### Spotter

- Developed a cutting-edge mobile application aimed at curbing bank check fraud.
- Utilized BloC for robust state management.
- Incorporated OCR technology, enabling real-time check validation through backend communication.

### Flutter Developer (Freelance)

September 2020 – August 2021

#### Ministry of Education – Morocco & 1337 Coding school

- Orchestrated the Massar Mobile app, revolutionizing the education system management.
- Employed BloC for state management, ensuring smooth app functionality.
- Adhered to stringent design guidelines, delivering pixel-perfect UI.
- Handled the entire logic for different app features like calendar, camera, submitting homework, planning exams, chatting with parents, students' orientations, marks, etc.

### Flutter Developer (Freelance)

June 2019 – October 2019

#### Ministry of Education – Morocco & 1337 Coding school

- Developed the TelmidTice Mobile App, a platform for educational video streaming.
- Troubleshooted and resolved early-stage issues with the Flutter video player.
- Implemented BloC for state management, ensuring a seamless user experience.
- Allowed playing videos directly on a WebView (There was a collaboration between the ministry and ISPs to have free videos streaming on specific links at the start of the pandemic).

Projects	
<b>Cub3D   C language</b> <ul style="list-style-type: none"> <li>Created a 3D view of the famous game called Wolfenstein 3D using C language.</li> <li>Use Ray-Casting technology to build the in-game map showing a 3D perspective.</li> </ul>	2019
<b>Portfolio   React.js, Next.js, Tailwind CSS</b> <ul style="list-style-type: none"> <li>Built my portfolio to showcase my skills and experience.</li> </ul>	2020

Education	
<b>1337 Coding School</b> Architect in Numerical Technologies (School Alumni)	Khouribga, Morocco October 2019 – October 2021
<b>Faculty of Science and Technologies</b> State Certified Software Engineer	Settat, Morocco September 2018 – June 2021

Skills	
<b>Languages:</b> Dart, C, JavaScript, TypeScript, Java, SQL, PL/SQL	
<b>Frameworks:</b> Flutter, React.js, Next.js, Node.js, Tailwind CSS, Material UI, Graph QL	
<b>Development tools:</b> Bash, Git, Docker, VS Code, Oracle Cloud Infrastructure, Firebase, Oracle DB, SQL Server	

Languages	
<b>Arabic</b>	Native   <b>English</b>
	Proficient   <b>French</b>
	Proficient

Achievements	
<b>Coding Game Spring Challenge 2020:</b> 1st place in Moroccan ranking and 137 <sup>th</sup> /13699 Worldwide ranking.	
<b>Google HashCode 2020:</b> 17 <sup>th</sup> place in Moroccan ranking.	