

# Aldo Moro

## Full Stack Developer

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Linked 

  
GitHub



Buenos Aires, Argentina

I'm a Full Stack Developer and I have a serious passion for creating intuitive, dynamic, fast and responsive user experiences. I hold a Bachelor of Science Degree in Business Administration as well. In the last 25+ years, I've acquired my professional experience by serving in different roles within the Upstream segment of the oil and gas industry, taking on new responsibilities, new personal and professional challenges, adjusting to new working environments, situations, stakeholders and always driven to deliver the best results in the least amount of time. I'm proud to say that I've worked myself up the ladder, from an administrative position to serving as a production engineer in charge of more than 400 oil and gas wells without holding an engineering degree. The last few years I've been working as an independent consultant within the same industry providing technical advice and participating in hydrocarbon reserve audits. In my last auditing job, most of my work dealt with economic models built in MS Excel using Visual Basic for Applications. Today, I find myself transitioning into the software engineering sector within the technology industry as a Full Stack Dev.

### TECHNOLOGIES

HTML, CSS, JavaScript, ReactJs, Redux, NodeJs, ExpressJs, PostgreSQL, SQL, Sequelize, MS Excel, MS Access, MS Word, MS PowerPoint and MS Teams, Visual Basic, Merak Peep/Portfolio/Volts, OFM, Sahara, SAP, TOW, Aries, OpenWells, Petroleum Experts.

### PROJECTS

#### Full Stack Web Developer

Henry Bootcamp, Buenos Aires, Argentina.

Visit my portfolio site: <https://am-portfolio-sooty.vercel.app/>

#### Individual Project: Countries App June 2022 (2 ½ weeks)

- Design and develop a countries application using an external API. Functionalities: dynamic searches, filters, sorting, creating touristic activities and pagination.
- Build the application using JavaScript, ReactJs, Redux, HTML and pure CSS for the front-end, and Node.js ExpressJs, Sequelize and PostgreSQL for the back end. No additional libraries were allowed.

<https://github.com/AM4772/PI---Countries-App>

#### Team Project (8 members): Bookstore App July/August 2022 (3 ½ weeks)

- Design, develop and deploy a bookstore application as a complete e-commerce website using an external API. Included all the functionalities from the individual project plus more CRUD operations involving users, books, reviews, favorites, cart for purchases, payment method, historical transactional searches for the users, an administrative section to handle users, books, reviews, authentication and authorization, different types of analysis and emailing.
- There was total freedom as to the languages and libraries we could use, and we chose: JavaScript, ReactJs, Redux Toolkit, HTML, CSS, Sass, SweetAlert2, Firebase, Node.js, Express, Sequelize, PostgreSQL, JsonWebToken, Nodemailer, Auth0, MercadoPago, Axios and finally for deployment, Vercel and Heroku. We adopted the SCRUM agile methodology to undertake this project.

<https://github.com/AM4772/Henry-PF>

## PROFESSIONAL EXPERIENCE

### **AM Consulting - Independent Consultant**

Oct 16 - present

Buenos Aires, Argentina.

- Provide technical and business advice to oil and gas companies in production, operations, reservoir engineering and reserve audits.
- Provide technical services for oil and gas reserve audits for Gaffney, Cline and Associates as a Petroleum Economist.

### **Commercial Agent and Consultant**

Jan 17 - present

AECO S.A.C.I.A., Buenos Aires, Argentina.

- Ad-hoc freelance position focused on developing prospective clients worldwide related to the use of a biological product to improve oil production, which is commercialized by the company.
- Closed a deal to perform pilot well tests with a Latam oil producer.

### **Reservoir Analyst (serving as Reservoir Engineer)**

Mar 14 – Oct 16

YPF S.A., Buenos Aires, Argentina.

- Develop plans and proposals across the full cycle of oil and gas fields from exploration to abandonment, with an aim of optimizing use of company funds.
- Increased oil and gas production and reserves in fields under my responsibility by proposing and undertaking numerous workover projects.
- Duplicated oil and gas production and reserves in a mature oil field through an interdisciplinary study that generated several new drilling locations.
- Applied a new tertiary recovery technology to 5 oil wells which resulted in productivity improvement and also helped reduce chemical treatment frequency.
- Reduced time spent manipulating data in the outlook process by implementing enhancements in the monthly production reporting system.

### **Technical Coordinator (serving as Production and Completion Engineer)**

Apr 06 – Mar 14

Apache Corp., Buenos Aires, Argentina.

- Proposed and executed workover projects which increased oil and gas production and reserves in several fields under my responsibility.
- Successfully completed several tight gas wells and many oil and gas wells.
- Initiated, promoted, and implemented a new gas production optimization workflow which increased gas production by 20% while arresting the field's decline.
- Increased oil production 15% by applying minor low-cost improvements to surface facilities after carrying out several liquid handling maneuvers to detect bottlenecks.
- Led the reactivation of a waterflood project consequently increasing oil production by 20%.
- As Project Leader, I handled the Production Department's initiative to improve SAP's operating cost distribution logic.
- As Project Leader, I analyzed, designed, planned, and implemented a new production accounting software (PW) for the region in only 8 months.
- As Project Leader, I managed the interdisciplinary team that successfully migrated the production accounting software (from PW to TOW) in 6 months.
- As Regional Project Leader for production applications, I actively participated in the selection process to replace the obsolete production accounting system (TOW).

I invite you to visit my LinkedIn profile to continue reading about my professional experience. [\*\*Linked in\*\*](#).

## **EDUCATION**

- Full Stack Web Developer. Henry Bootcamp. An 800+ hours-long theoretical and practical course in JavaScript, React, Redux, NodeJs, Express, Sequelize and PostgreSQL. April - August 2022.
- Bachelor of Science Degree in Business Administration. University of Buenos Aires. Graduated in 2016.

## **COMPLEMENTARY EDUCATION**

- Oil and Gas Economy
- Well log interpretation
- Hydrocarbon Reserves Workshop
- Project Evaluation I and II
- More in my LinkedIn profile

## **LANGUAGES**

- Native Spanish and English (EF SET Certificate C2 Proficient).

## **ADDITIONAL INFORMATION**

- US Veteran – United States Marine Corps
- Faculty Assistant – (Ad-honorem) FCE – Seminar of Integration and Application
- Contributor – (Ad-honorem) Familias Cocineras: weekend meals for children's shelters