

# DANIEL CHAVEZ

## Full Stack Developer & Petroleum Engineer

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### PROFILE

Bilingual (ENG - SPA) Full Stack Developer with a background in Petroleum Engineering. Proficient in both backend and frontend development with knowledge of agile methodologies. Experienced in JavaScript, TypeScript, Node.js, HTML5, CSS, React, Next, Redux, PostgreSQL, among others.

Strong abilities in problem-solving, adaptability, communication, proactivity, teamwork, and continuous learning.

Over three years of experience in the oil & gas transport sector, skilled in personnel qualification programs, quality processes, and project management. English Level: C1.

### PROJECTS

#### Full Stack Web Developer - StayFy

August 2023 – October 2023.

Henry Bootcamp

**Project description:** Book e-commerce SPA developed on React, featuring books by genres, combined filters, shopping cart, payment gateway, orders, shipments, authentication (including Google account), admin panel, logical deletion, among other functionalities.

- Developer, particularly involved in backend for the “StayFy” e-commerce project.
- Managed database models through PostgreSQL – Sequelize and developed controllers responsible for responses to front-end.
- Implemented combined filters, search tools, logical deletion, pagination systems, and created and modified database elements.
- Developed front-end components that allowed users to activate or deactivate products and update product properties directly in the database.

Repo: <https://github.com/lautaromateol/stayfy-front>

## **PROFESSIONAL EXPERIENCE**

### **Audit Consultant**

TF Auditores y Asesores Ltda. BIC

July 2023 – January 2024

- Conducted joint audits for Oleoducto de Colombia S.A.'s Infrastructure Project Management.
  - Evaluated the company's project management according to PMBOK V6.
  - Focused on monitoring, control, and closure stages for ongoing projects, including expense tracking, quality assurance, procurement, and risk management.
- Performed external audits on the Pipeline Integrity Management Cycle for the ODL and OBC systems.
  - Evaluated processes based on API 1160 and NTC 5901 standards.
  - Assessed the process according to corporate strategies, identified and classified risk levels, and managed integrity plans and threats.

### **Junior Support Engineer**

Oleoducto Central S.A. Ocesa / Natural Resources Engineering SAS / PS International SAS

September 2021 – May 2023

- Part of the team enhancing Ocesa's qualified personnel program.
- Reviewed, created, and updated teaching materials and evaluative components for personnel courses.
- Analyzed RCA reports, identifying events related to qualified tasks for implementing preventive and corrective measures.
- Created and reviewed technical documentation for Maintenance, Integrity, On-shore, and Off-shore Operations.

### **Professional I Petroleum Engineer**

Oleoducto Central S.A Ocesa / Natural Resources Engineering SAS

May – September 2019

- Provided technical support for Ocesa's internal Regulatory Operational Framework (MRO) evaluation.
- Reviewed MRO compliance, collected and analyzed evidence, and created reports based on results and findings.
- Designed workflows and optimized processes.

### **Final Degree Project / Placement**

Ultrerra Colombia

May 2017 – July 2018

- Final degree Work: "Technical and financial evaluation of the implementation of polycrystalline bits with steel body in the 8 ½ inches section in two wells from the Acordionero Field".
- Analyzed drilling reports and parameters, compared bit performances and results, and performed financial evaluations based on the analyzed information.

## TECHNOLOGIES

### Languages:

JavaScript, TypeScript, HTML5, CSS.

### Frameworks or libraries:

Node.JS, Express.JS, Jest, React, Next.JS, Redux, Vite.

### Database:

PostgreSQL / Sequelize.

### Other tools and knowledge:

API Rest, Git, Jira, Trello, Slack.

Agile: Scrum.

## PROFESSIONAL EDUCATION

Henry (online)

FULL STACK DEVELOPER

Bogotá, 2023

Fundación Universidad de América

PETROLEUM ENGINEER

Bogotá, 2018

## COURSES AND CERTIFICATES

### **Project Management Fundamentals**

Soylider.net (online). November 2023

### **C2 – Proficient English Level.**

EF English Standard Test (Online). October 2023

### **Energy Principles and Renewable Energy.**

University of Queensland (Online – edX). September – Decembre 2020

### **Unconventional Reservoir Geomechanics Course.**

Stanford University (Online). April - June 2019

### **Reservoir Geomechanics Course.**

Stanford University (Online). April - June 2019

## LANGUAGES

- English: C1 – Proficient.
- French: A2 – Beginner.
- Spanish: Native.

**References available upon request.**