DANIEL CHAVEZ

Full Stack Developer & Petroleum Engineer

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Portfolio: https://portfolio-danielchavezs-projects.vercel.app/

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, MongoDB, among others.

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

4 years of experience in the Oil & Gas industry, skilled in personnel qualification programs, quality processes, and project management. English Level: C1.

PROJECTS

Owen Partners – November 2024
Collaborated with an Australian financial advisory firm to enhance their website's UI components and optimize its responsive design. Built on WordPress, the project also included integrating Calendly to streamline client meeting scheduling.

URL: https://owenpartners.com.au/

Promotional Sweepstake – October 2024
Developed for a Colombian marketing agency, this Next.js app enables users to participate in a promotional sweepstake. It features real-time form validation, responsive design with Tailwind, and conditional rendering. The app also fetches region and city data from an API to populate dependent dropdowns seamlessly.

URL: https://sorteo-one.vercel.app/

GreenCall – September 2024
Landing page for medicinal cannabis crop company based in Colombia, developed with Next.js to present the company´s main information, offering a media outlet and contact channel through a responsive and dynamic design. Key technologies include Next.js and Tailwind CSS.

URL: https://greencall.vercel.app/

Mortgage Calculator – July 2024
A simple mortgage calculator app developed in Next.js with features like conditional rendering to display results, error handling for incomplete fields, and a responsive design for desktop, tablet, and mobile devices. Key technologies include Next.js and Tailwind CSS.

URL: https://mortage-calculator-swart.vercel.app/

Invoice Dashboard – March 2024
Created as part of the official Next.js course by Vercel, this invoice dashboard includes server components, streaming, API data fetching, static and dynamic rendering, and loading skeletons. It showcases best practices in Next.js, PostgreSQL, and Tailwind CSS.

URL: https://nextjs-dashboard-htg7.vercel.app/dashboard

Stayfy – August to October 2023
Book e-commerce SPA developed in React, featuring combined filters, shopping cart, payment gateway, admin panel, and authentication with Google account integration. I contributed as a backend developer, managing database models with PostgreSQL and Sequelize, implementing controllers for front-end responses, and developing components for product management.

URL: https://stayfy-mu.vercel.app/

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 the integrity plans construction and control.

Junior Support Engineer
Oleoducto Central S.A. Ocensa / Natural Resources Engineering SAS / PS International SAS
September 2021 – May 2023

- Part of the team enhancing Ocensa'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 Ocensa / Natural Resources Engineering SAS
May – September 2019

- Provided technical support for Ocensa'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
Ulterra 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.

STACK AND SKILLS

Database: PostgreSQL, MongoDB, Prisma, Sequelize, Mongoose.

Backend: JavaScript, TypeScript, Node.js, Express.js.

Frontend: React, Vite, Next.js, Redux, HTML5, CSS, Tailwind.

Others: Git, Vercel, Supabase, Render, Jest, API Rest, Trello.

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.