STACK & 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.

ACADEMIC FORMATION:

Henry (online)
FULL STACK DEVELOPER
Bogotá, 2023

Fundación Universidad de América
PETROLEUM ENGINEER
Bogotá, 2018

LANGUAGES:

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

HIGHLIGHTS:

Meritorious Degree Work
Fundación Universidad de América
Bogotá, 2018

SABER PRO – National Tests for Higher Education Graduates:

• Above 98% of the national level.
• Above 97% of the engineering group.
Bogotá, 2017

SABER XI – National State Exams for High School Graduates:
2nd Place (Out of groups of 1000)
Bogotá, 2012.

DANIEL CHAVEZ

Full Stack Developer & Petroleum Engineer

Colombia, South America | +57 316 8242457 | danielechs@hotmail.com

LinkedIn: https://www.linkedin.com/in/daniel-chavez-engineer-developer/
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 selected 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
Built a Next.js app for a Colombian marketing agency enabling users to register for a sweepstake. Included real-time form validation, responsive design with Tailwind, and dynamic dropdowns fetching data from an API.

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

GreenCall – September 2024
Developed a responsive landing page in Next.js for a Colombian cannabis company, providing key company information and a contact channel.

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

Mortgage Calculator – July 2024
Designed a responsive app in Next.js to calculate mortgage payments with conditional rendering, error handling, and a clean UI using 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, implementing controllers for front-end responses, and developing components for product management.

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

EXPERIENCE

Audit Consultant, July 2023 – January 2024
TF Auditores y Asesores Ltda. BIC

- Conducted joint audits for Oleoducto de Colombia S.A.'s Infrastructure Project Management, evaluating compliance with PMBOK V6 in monitoring, control, and closure stages.
- Performed external audits on Pipeline Integrity Management Cycles (ODL and OBC systems), assessing processes based on API 1160 and NTC 5901 standards, risk levels, integrity plans and their implementation.

Junior Support Engineer, September 2021 – May 2023
Oleoducto Central S.A. Ocensa / NRE SAS / PS International SAS

- Created and maintained technical documentation for Maintenance, Integrity, and Onshore/Offshore Operations.
- Enhanced Ocensa's qualified personnel program by reviewing and updating training materials and evaluations. Analyzed RCA reports to identify key events and recommend preventive and corrective measures related to qualified tasks.

Professional I Petroleum Engineer, May – September 2019
Oleoducto Central S.A. Ocensa / NRE SAS

Supported the evaluation of Ocensa's Regulatory Operational Framework (MRO) by reviewing compliance, analyzing evidence, and designing workflows to optimize processes.

Final Degree Project / Placement, May 2017 – July 2018
Ulterra Colombia

Conducted technical and financial evaluations of polycrystalline drill bits in the Acordionero Field, analyzing drilling parameters, performance, and financial outcomes.

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 – December 2020.

Unconventional Reservoir Geomechanics Course.
Stanford University (Online). April - June 2019.

Reservoir Geomechanics Course.
Stanford University (Online). April - June 2019.