

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, Rest API, Trello.

Agile: Scrum.

ACADEMIC FORMATION:

Full-Stack Developer

Henry Bootcamp
Bogotá, 2023

Petroleum Engineer

Universidad de América
Bogotá, 2018

LANGUAGES:

English: C2 – 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

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Portfolio: <https://portfolio-danielchavez-projects.vercel.app/>

PROFILE

Bilingual (ENG - SPA) Full Stack Developer with a background in Petroleum Engineering. Proficient in backend and frontend development, including responsive design and techniques such as SSR with CSR and streaming. Experienced in JavaScript, TypeScript, Node.js, HTML5, CSS, React, Next, Redux, PostgreSQL, and MongoDB, with strong agile fundamentals.

Strong abilities in problem-solving, adaptability, communication, proactivity, teamwork, and continuous learning. With 4 years in Oil & Gas, I have gained project management and quality process experience; currently pursuing a project management diploma and an intensive JS course at EPAM Campus. English Level: C2.

PROJECTS

Verify Influencers – January to February 2025

A full-stack web app built with Next.js 15, Tailwind CSS, and MongoDB to analyze and rank health influencers using AI-powered credibility assessments. It integrates the Perplexity API for extracting and structuring claims, leverages SSR for SEO and performance, and applies CSR for interactivity—enhanced by React Suspense and Server Actions for optimized data handling. The Mongoose-based backend supports advanced filtering and sorting, while streaming boosts performance. Combining AI, data processing, and modern web techniques, this app showcases strong full-stack development skills.

URL: <https://verify-influencers-alpha.vercel.app/>

Task Manager – December 2024

A full-stack task management app featuring a backend built from scratch with Node.js, Express, and MongoDB that supports CRUD operations (including title, description, creation date, and status tracking). The frontend, developed with React, TypeScript, Vite, and Tailwind CSS, delivers a clean and responsive UI for efficient task management.

URL: <https://task-manager-eta-opal.vercel.app/>

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/>

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/>

Other projects: For additional information on these projects, please visit my portfolio (see header).

- Promotional Sweepstake (October 2024): <https://sorteo-one.vercel.app/>
- Greencall (September 2024): <https://greencall.vercel.app/>
- Mortgage Calculator (July 2024): <https://mortgage-calculator-swart.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. Ocesa / NRE SAS / PS International SAS

- Created and maintained technical documentation for Maintenance, Integrity, and Onshore/Offshore Operations.
- Enhanced Ocesa'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. Ocesa / NRE SAS

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

Final Degree Project / Placement, May 2017 – July 2018

Ultrerra 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 Postgraduate Certificate

Politécnico de Colombia (ongoing)

Frontend Fundamentals

EPAM Campus (ongoing)

Project Management Fundamentals

Soylider.net. November 2023

C2 – Proficient English Level.

EF English Standard Test. October 2023.

Energy Principles and Renewable Energy.

University of Queensland. September – December 2020.

Unconventional Reservoir Geomechanics Course.

Stanford University. April - June 2019.

Reservoir Geomechanics Course.

Stanford University. April - June 2019.